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2-hydroxyisobutyryl-HIST1H2BC (K20) Antibody

HIST1H2BI, H2BFL; H2BFH; H2BFG; H2BFA; H2BFK Immunogen Species Homo sapiens (Human) Research Area Epigenetics and Nuclear Signaling Target Names HIST1H2BC Image		
Uniprot No.P62807ImmunogenPeptide sequence around site of 2-hydroxyisobutyryl-Lys (20) derived from Human Histone H2B type 1-C/E/F/G/IRaised InRabbitSpecies ReactivityHumanTested ApplicationsELISA, WB, IF; Recommended dilution: WB:1:100-1:1000, IF:1:1-1:10FormLiquidConjugateNon-conjugatedStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4Purification MethodAntigen Affinity PurifiedIsotypeIgGClonalityPolyclonalAliasHistone H2B type 1-C/E/F/G/I (Histone H2B.1 A) (Histone H2B.a) (H2B/a) (Histone H2B.9) (H2B/g) (Histone H2B.1) (H2B/h) (Histone H2B.4) (H2B/k) (Histone H2B.1) (H2B/l), HIST1H2BC; HIST1H2BE; HIST1H2BG; HIST1H2BI; H2BFL; H2BFFH; H2BFG; H2BFA; H2BFKImmunogen SpeciesHomo sapiens (Human)Research AreaEpigenetics and Nuclear SignalingTarget NamesHIST1H2BC	Product Code	CSB-PA010403OA20hibHU
ImmunogenPeptide sequence around site of 2-hydroxyisobutyryl-Lys (20) derived from Human Histone H2B type 1-C/E/F/G/IRaised InRabbitSpecies ReactivityHumanTested ApplicationsELISA, WB, IF; Recommended dilution: WB:1:100-1:1000, IF:1:1-1:10FormLiquidConjugateNon-conjugatedStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4Purification MethodAntigen Affinity PurifiedIsotypeIgGClonalityPolyclonalAliasHistone H2B type 1-C/E/F/G/I (Histone H2B.1 A) (Histone H2B.a) (H2B/a) (Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) (Histone H2B.g) (H2B/g), HIST1H2BE; HIST1H2BEImmunogen SpeciesHomo sapiens (Human)Research AreaEpigenetics and Nuclear SignalingTarget NamesHIST1H2BCImage	Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Human Histone H2B type 1-C/E/F/G/IRaised InRabbitSpecies ReactivityHumanTested ApplicationsELISA, WB, IF; Recommended dilution: WB:1:100-1:1000, IF:1:1-1:10FormLiquidConjugateNon-conjugatedStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4Purification MethodAntigen Affinity PurifiedIsotypeIgGClonalityPolyclonalAliasHistone H2B type 1-C/E/F/G/I (Histone H2B.1 A) (Histone H2B.a) (H2B/a) (Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) (Histone H2B.I) (H2B/I), HIST1H2BC; HIST1H2BF; HIST1H2BG HIST1H2BI, H2BFL; H2BFH; H2BFG; H2BFA; H2BFKImmunogen SpeciesHomo sapiens (Human)Research AreaEpigenetics and Nuclear SignalingTarget NamesHIST1H2BC	Uniprot No.	P62807
Species Reactivity Human Tested Applications ELISA, WB, IF; Recommended dilution: WB:1:100-1:1000, IF:1:1-1:10 Form Liquid Conjugate Non-conjugated Storage Buffer Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 Purification Method Antigen Affinity Purified Isotype IgG Clonality Polyclonal Alias Histone H2B type 1-C/E/F/G/I (Histone H2B.1 A) (Histone H2B.a) (H2B/a) (Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) (Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) Immunogen Species Homo sapiens (Human) Research Area Epigenetics and Nuclear Signaling Target Names HIST1H2BC	Immunogen	
Tested ApplicationsELISA, WB, IF; Recommended dilution: WB:1:100-1:1000, IF:1:1-1:10FormLiquidConjugateNon-conjugatedStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4Purification MethodAntigen Affinity PurifiedIsotypeIgGClonalityPolyclonalAliasHistone H2B type 1-C/E/F/G/I (Histone H2B.1 A) (Histone H2B.a) (H2B/a) (Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) (Histone H2B.I) (H2B/I), HIST1H2BC; HIST1H2BE; HIST1H2BF; HIST1H2BG HIST1H2BI, H2BFL; H2BFH; H2BFG; H2BFA; H2BFKImmunogen SpeciesHomo sapiens (Human)Research AreaEpigenetics and Nuclear SignalingTarget NamesHIST1H2BC	Raised In	Rabbit
FormLiquidConjugateNon-conjugatedStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4Purification MethodAntigen Affinity PurifiedIsotypeIgGClonalityPolyclonalAliasHistone H2B type 1-C/E/F/G/I (Histone H2B.1 A) (Histone H2B.a) (H2B/a) (Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) (Histone H2B.l) (H2B/I), HIST1H2BC; HIST1H2BE; HIST1H2BG; HIST1H2BI, H2BFL; H2BFH; H2BFG; H2BFA; H2BFKImmunogen SpeciesHomo sapiens (Human)Research AreaEpigenetics and Nuclear SignalingImageImage	Species Reactivity	Human
ConjugateNon-conjugatedStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4Purification MethodAntigen Affinity PurifiedIsotypeIgGClonalityPolyclonalAliasHistone H2B type 1-C/E/F/G/I (Histone H2B.1 A) (Histone H2B.a) (H2B/a) (Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) (Histone H2B.I) (H2B/J), HIST1H2BC; HIST1H2BE; HIST1H2BF; HIST1H2BG HIST1H2BI, H2BFL; H2BFH; H2BFG; H2BFA; H2BFKImmunogen SpeciesHomo sapiens (Human)Research AreaEpigenetics and Nuclear SignalingTarget NamesHIST1H2BCImage	Tested Applications	ELISA, WB, IF; Recommended dilution: WB:1:100-1:1000, IF:1:1-1:10
Storage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4Purification MethodAntigen Affinity PurifiedIsotypeIgGClonalityPolyclonalAliasHistone H2B type 1-C/E/F/G/I (Histone H2B.1 A) (Histone H2B.a) (H2B/a) (Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) (Histone H2B.I) (H2B/I), HIST1H2BC; HIST1H2BE; HIST1H2BF; HIST1H2BG HIST1H2BI, H2BFL; H2BFH; H2BFG; H2BFA; H2BFKImmunogen SpeciesHomo sapiens (Human)Research AreaEpigenetics and Nuclear SignalingTarget NamesHIST1H2BC	Form	Liquid
Constituents: 50% Glycerol, 0.01M PBS, pH 7.4Purification MethodAntigen Affinity PurifiedIsotypeIgGClonalityPolyclonalAliasHistone H2B type 1-C/E/F/G/I (Histone H2B.1 A) (Histone H2B.a) (H2B/a) (Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) (Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) (Histone H2B.I) (H2B/I), HIST1H2BC; HIST1H2BE; HIST1H2BF; HIST1H2BG; HIST1H2BI, H2BFL; H2BFH; H2BFG; H2BFA; H2BFKImmunogen SpeciesHomo sapiens (Human)Research AreaEpigenetics and Nuclear SignalingTarget NamesHIST1H2BC	Conjugate	Non-conjugated
IsotypeIgGClonalityPolyclonalAliasHistone H2B type 1-C/E/F/G/I (Histone H2B.1 A) (Histone H2B.a) (H2B/a) (Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) (Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) (Histone H2B.I) (H2B/I), HIST1H2BC; HIST1H2BE; HIST1H2BF; HIST1H2BG HIST1H2BI, H2BFL; H2BFH; H2BFG; H2BFA; H2BFKImmunogen SpeciesHomo sapiens (Human)Research AreaEpigenetics and Nuclear SignalingTarget NamesHIST1H2BC	Storage Buffer	
ClonalityPolyclonalAliasHistone H2B type 1-C/E/F/G/I (Histone H2B.1 A) (Histone H2B.a) (H2B/a) (Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) (Histone H2B.l) (H2B/I), HIST1H2BC; HIST1H2BE; HIST1H2BF; HIST1H2BG HIST1H2BI, H2BFL; H2BFH; H2BFG; H2BFA; H2BFKImmunogen SpeciesHomo sapiens (Human)Research AreaEpigenetics and Nuclear SignalingTarget NamesHIST1H2BC	Purification Method	Antigen Affinity Purified
AliasHistone H2B type 1-C/E/F/G/I (Histone H2B.1 A) (Histone H2B.a) (H2B/a) (Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) (Histone H2B.I) (H2B/I), HIST1H2BC; HIST1H2BE; HIST1H2BF; HIST1H2BG HIST1H2BI, H2BFL; H2BFH; H2BFG; H2BFA; H2BFKImmunogen SpeciesHomo sapiens (Human)Research AreaEpigenetics and Nuclear SignalingTarget NamesHIST1H2BC	Isotype	IgG
 (Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) (Histone H2B.I) (H2B/I), HIST1H2BC; HIST1H2BE; HIST1H2BF; HIST1H2BG HIST1H2BI, H2BFL; H2BFH; H2BFG; H2BFA; H2BFK Immunogen Species Homo sapiens (Human) Research Area Epigenetics and Nuclear Signaling Target Names HIST1H2BC 	Clonality	Polyclonal
Research Area Epigenetics and Nuclear Signaling Target Names HIST1H2BC Image	Alias	(Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) (Histone H2B.I) (H2B/I), HIST1H2BC; HIST1H2BE; HIST1H2BF; HIST1H2BG;
Target Names HIST1H2BC	Immunogen Species	Homo sapiens (Human)
Image	Research Area	Epigenetics and Nuclear Signaling
	Target Names	HIST1H2BC
	Image	Western Blot

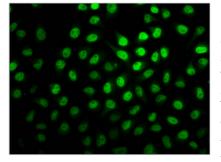
Help 233 4589 4562 Help 239 4549 4562	Western Blot
72KD→	Detected samples: Hela whole cell lysate, 293
55KD→	whole cell lysate, A549 whole cell lysate, K562
$36KD \rightarrow$ $28KD \rightarrow$	whole cell lysate; Untreated (-) or treated (+) with
$28RU \rightarrow$ $17KD \rightarrow$	30mM sodium butyrate for 4h
	All lanes: HIST1H2BC antibody at 1:100
10KD→ + + + + + Sodium butyrate 30mM/4h	Secondary
	Goat polyclonal to rabbit IgG at 1/50000 dilution
	Predicted band size: 14 kDa
	Observed band size: 14 kDa

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Immunofluorescence staining of Hela cells (treated with 30mM sodium butyrate for 4h) with CSB-PA010403OA20hibHU at 1:7.5, counterstained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).