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SOX2 Antibody

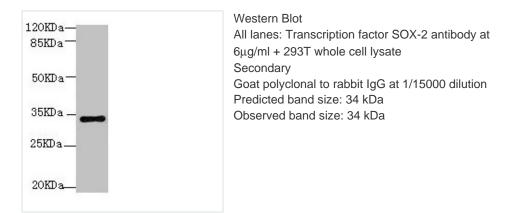
Product Code	CSB-PA16539A0Rb	
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	
Uniprot No.	P48431	
Immunogen	Recombinant Human Transcription factor SOX-2 protein (1-317AA)	
Raised In	Rabbit	
Species Reactivity	Human, Mouse	
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:5000, IHC:1:20-1: IF:1:50-1:200	200,
Form	Liquid	
Conjugate	Non-conjugated	
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4	
Purification Method	>95%, Protein G purified	
lsotype	IgG	
Clonality	Polyclonal	
Alias	Transcription factor SOX-2, SOX2	
Immunogen Species	Homo sapiens (Human)	
Research Area	Neuroscience	
Target Names	SOX2	
Image	120kDa Western blot 90kDa All lanes: Transcription factor SOX-2 antibody at 90kDa Secondary 50kDa Goat polyclonal to rabbit IgG at 1/15000 dilution Predicted band size: 34 kDa Observed band size: 34 kDa 25kDa 20kDa	

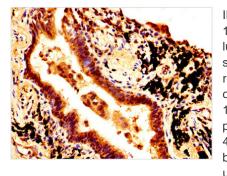
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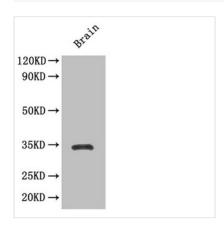
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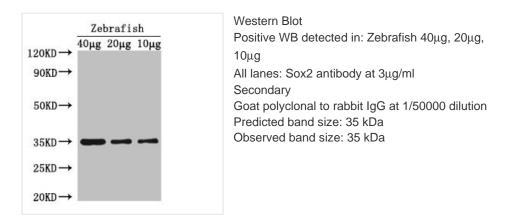




IHC image of CSB-PA16539A0Rb diluted at 1:500 and staining in paraffin-embedded human lung cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



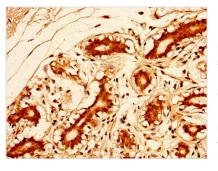
Western Blot Positive WB detected in: Mouse brain tissue All lanes: SOX2 antibody at 3.5µg/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 34 kDa Observed band size: 34 kDa



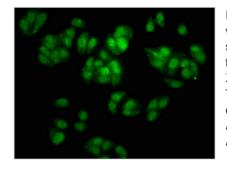


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IHC image of CSB-PA16539A0Rb diluted at 1:500 and staining in paraffin-embedded human breast cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence staining of HepG2 cells with CSB-PA16539A0Rb at 1:166, 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).