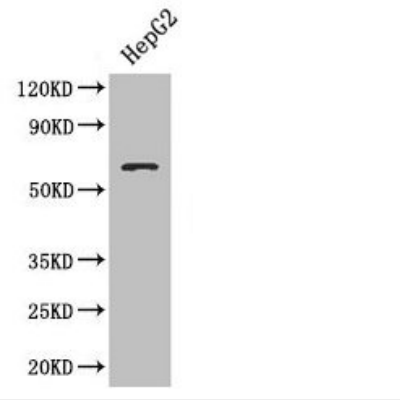
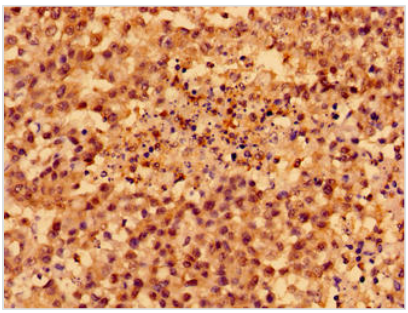
SMAD4 Antibody

Product Code	CSB-PA619768LA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q13485
Immunogen	Synthesized peptide derived from human SMAD4
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200, IF:1:20-1:200
Form	Liquid
Storage Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purification Method	Antigen affinity purification
Isotype	IgG
Clonality	Polyclonal
Product Type	Polyclonal Antibody
Immunogen Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	SMAD4

Image



Western Blot
Positive WB detected in: HT29 whole cell lysate(30μg), Neuro-2a whole cell lysate(30μg), NIH/3T3 whole cell lysate(30μg), A549 whole cell lysate(30μg), 293T whole cell lysate(30μg), Hela whole cell lysate(30μg),PC-3 whole cell lysate(30μg),JK whole cell lysate(30μg),Mouse Liver tissue lysate(30μg)
All lanes: SMAD4 antibody at 1:1000
Secondary
Goat polyclonal to rabbit IgG at 1/40000 dilution
Predicted band size: 61kDa
Observed band size: 61 kDa
Exposure time: 120s



IHC image of CSB-PA619768LA01HU diluted at 1:100 and staining in paraffin-embedded human tonsil tissue 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 Goat anti-rabbit polymer IgG labeled by HRP and

visualized using 0.05% DAB. Secondary antibody only control: uses 1% BSA instead of primary antibody

Immunofluorescence staining of U251 cell with CSB-PA619768LA01HU at 1:25, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and and permeated by 0.2% TritonX-100 for 15 min. Then 10% normal goat serum to block non-specific protein-protein interactions . The cells were then incubated with the antibody overnight at 4?. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Immunofluorescence staining of U251 cell with 5% goat serum, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Immunofluorescence staining of A431 cell with CSB-PA619768LA01HU at 1:25, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and and permeated by 0.2% TritonX-100 for 15 min. Then 10% normal goat serum to block non-specific protein-protein interactions . The cells were then incubated with the antibody overnight at 4?. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Immunofluorescence staining of A431 cell with 5% goat serum, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Usage For Research Use Only. Not for use in diagnostic or therapeutic procedures.