bs-8844R **[Primary Antibody]**

SMAD8/SMAD9 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 4093 **SWISS:** O15198

Target: SMAD8/SMAD9

Immunogen: KLH conjugated synthetic peptide derived from human SMAD8: 351-450/467.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: SMAD9 is a member of the MAD-related family of molecules. MAD-related proteins are a recently identified family of intracellular proteins that are thought to be essential components in the signaling pathways of the serine/threonine kinase receptors of the transforming growth factor beta superfamily.

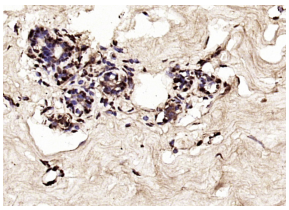
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human, Mouse, Rat (predicted: Zebrafish)

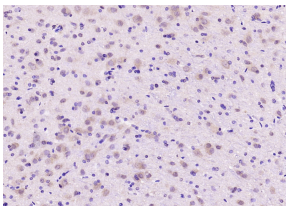
Predicted MW.: 53 kDa

Subcellular Location: Cytoplasm ,Nucleus

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SMAD8) Polyclonal Antibody, Unconjugated (bs-8844R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SMAD8) Polyclonal Antibody, Unconjugated (bs-8844R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

SELECTED CITATIONS

- **[IF=5.195]** Weifeng Du. et al. Research on the effect of Dipsaci Radix before and after salt-processed on kidney yang deficiency syndrome rats and the preliminary mechanism study through the BMP-Smad signaling pathway. J ETHNOPHARMACOL. 2023 Aug;312:116480 IHC,WB ;Rat. 37061069
- **[IF=3.296]** Li YT et al. Involvement of bone morphogenetic protein–related pathways in the effect of aucubin on the promotion of osteoblast differentiation in MG63 cells. Chemico-Biological Interactions, 283, 51–58.Chemico-Biological Interactions, 283, 51–58. WB ;Human. 10.1016/j.cbi.2018.02.005