

**Product Name: Phospho-Smad3 (Ser425) Rabbit
Polyclonal Antibody
Catalog #: APRab00823**

Summary

Production Name	Phospho-Smad3 (Ser425) Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	SMAD3 SMAD3; MADH3; Mothers against decapentaplegic homolog 3; MAD homolog 3;
Alternative Names	Mad3; Mothers against DPP homolog 3; hMAD-3; JV15-2; SMAD family member 3; SMAD 3; Smad3; hSMAD3
Gene ID	4088
SwissProt ID	P84022

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000
Molecular Weight	Calculated MW: 48 kDa; Observed MW: 58 kDa

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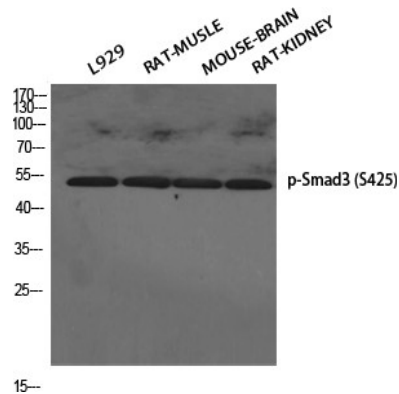
Background

Smad3 transcription factor phosphorylated and activated by TGF-beta-type receptors. A receptor-regulated Smad (R-smad). Binds directly to consensus DNA-binding elements in the promoters of target genes. In mouse required for establishment of the mucosal immune response and proper development of skeleton.

Research Area

Signal Transduction

Image Data



Western blot analysis of Phospho-Smad3 (Ser425) in various lysates using Phospho-Smad3 (Ser425) antibody.

Note

For research use only.