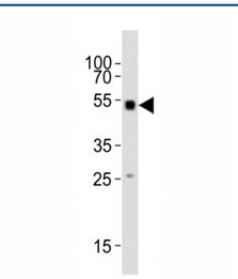
Smad1 Antibody (F53187)

Catalog No.	Formulation	Size
F53187-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53187-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P70340
Applications	Western blot: 1:1000
Limitations	This Smad1 antibody is available for research use only.



Western blot testing of Smad1 antibody at 1:1000 dilution + mouse skeletal muscle lysate; Predicted molecular weight: 52~60 kDa.

Description

Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD1 is a receptor-regulated SMAD (R-SMAD) (By similarity). May play a role in the initiation and maintenance of spermatogenesis. SMAD1/OAZ1/PSMB4 complex mediates the degradation of the CREBBP/EP300 repressor SNIP1 (By similarity). May act synergistically with SMAD4 and YY1 in bone morphogenetic protein (BMP)-mediated cardiac-specific gene expression. [UniProt]

Application Notes

Titration of the Smad1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This Smad1 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 154-187 amino acids from the central region of mouse Smad1.

Storage

Aliquot the Smad1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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