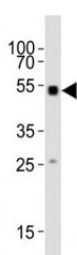


## Smad1 Antibody (F53187)

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](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P70340
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	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.