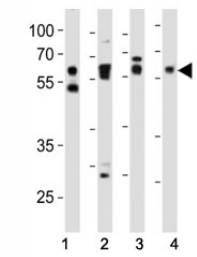
SMAD2 Antibody (F52960)

Catalog No.	Formulation	Size
F52960-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52960-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine, Pig, Chicken
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q62432
Applications	Western blot: 1:500-1:1000
Limitations	This SMAD2 antibody is available for research use only.



Western blot analysis of lysate from (1) HeLa, (2) mouse NIH3T3, (3) mouse C2C12, and (4) rat PC-12 cell line using SMAD2 antibody at 1:1000. Predicted molecular weight: 52~60 kDa.

Description

SMAD2 is an intracellular signal transducer and transcriptional modulator activated by TGF-beta and activin type 1 receptor kinases. Binds the TRE element in the promoter region of many genes that are regulated by TGF-beta and, on formation of the SMAD2/SMAD4 complex, activates transcription. [UniProt]

Explore our SMAD2 Antibody for additional research into TGF-beta signaling, transcriptional regulation, and cell

proliferation, with Western blot validation using HeLa wild-type and SMAD2 knockout cell lysates.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the SMAD2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This SMAD2 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 198-232 amino acids of mouse Smad2.

Storage

Store at 4oC for up to one month. For long term, aliquot the SMAD2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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