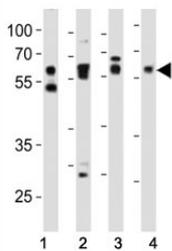


SMAD2 Antibody (F52960)

| 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]

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.