

## Phospho-Smad3(S423/S425) antibody

### Product Information

Catalog No.:	FNab10996
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

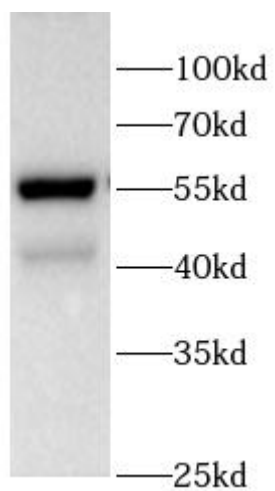
The protein encoded by this gene belongs to the SMAD, a family of proteins similar to the gene products of the *Drosophila* gene *mothers against decapentaplegic* (Mad) and the *C. elegans* gene *Sma*. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions as a transcriptional modulator activated by transforming growth factor-beta and is thought to play a role in the regulation of carcinogenesis.

### Immunogen information

Immunogen:	SMAD family member 3
Synonyms:	Mothers against decapentaplegic homolog 3 (MAD homolog 3, Mad3, Mothers against DPP homolog 3, hMAD-3) JV15-2 SMAD family member 3 (SMAD 3, Smad3, hSMAD3) SMAD3 MADH3
Observed MW:	55 kDa
Uniprot ID :	P84022

### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500 - 1:1000; IHC: 1:50 - 1:200
Image:	



C2C12 cells treated by TGF- $\beta$  (10 ng/ml) at 37°C for 30 minutes were subjected to SDS PAGE followed by western blot with FNab10996 at dilution of 1:600