

Datasheet for ABIN781908
anti-SMAD3 antibody

5 Images



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Overview

Quantity:	50 µg
Target:	SMAD3
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SMAD3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	SMAD3 antibody was raised against recombinant protein
Clone:	7F3
Isotype:	IgG1
Specificity:	This antibody reacts to SMAD3.
Cross-Reactivity (Details):	Species reactivity (expected):Rat. Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	SMAD3
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Target Details

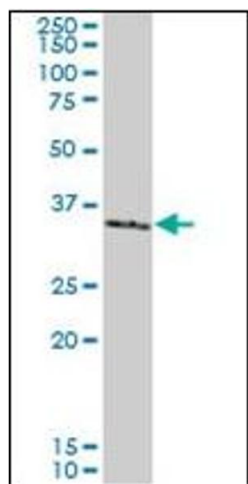
Alternative Name:	SMAD3 (SMAD3 Products)
Background:	SMAD3, a transcriptional regulator, is activated by TGF-beta and Activin 1 receptor kinase. SMAD3 recognizes an 8 bp palindromic sequence GTCTAGAC. Upon phosphorylation at two extreme C-terminal serines, SMAD3 is translocated into the nucleus where it forms complexes with other SMAD proteins, depending on the activation pathway, and regulates the transcription of target genes. Synonyms: JV15-2, MAD homolog 3, MAD-3, MADH3, Mad3, Mothers against DPP homolog 3, Mothers against decapentaplegic homolog 3, SMAD 3, SMAD family member 3, SMAD-3
Gene ID:	4088
NCBI Accession:	NP_001138574
UniProt:	P84022
Pathways:	Cell Division Cycle , Chromatin Binding , Cell-Cell Junction Organization , Positive Regulation of Endopeptidase Activity , Autophagy

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

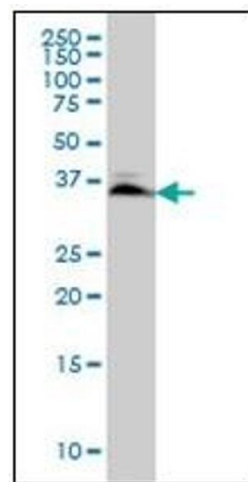
Handling

Concentration:	0,43 mg/mL
Buffer:	PBS, pH 7.2
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



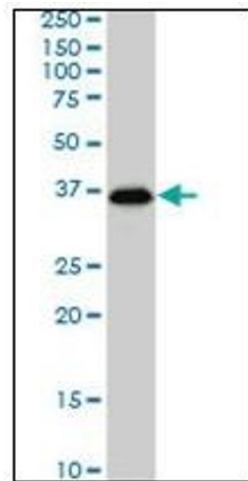
Western Blotting

Image 1.



Western Blotting

Image 2.



Western Blotting

Image 3.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN781908.