

Datasheet for ABIN6944916
anti-SMAD5 antibody (AA 151-250)



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Overview

Quantity:	100 µL
Target:	SMAD5
Binding Specificity:	AA 151-250
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMAD5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SMAD5
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	SMAD5
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Target Details

Alternative Name:	SMAD5 (SMAD5 Products)
Background:	<p>Synonyms: Dwfc, hSmad 5, hSmad5, JV5 1, JV5-1, MAD homolog 5, MAD mothers against decapentaplegic homolog 5, MAD, mothers against decapentaplegic homolog 5, MADH 5, MADH5, Mothers against decapentaplegic homolog 5, Mothers against DPP homolog 5, MusMLP, SMA and MAD related protein 5, SMAD 5, SMAD family member 5, SMAD mothers against DPP homolog 5, Smad5, SMAD5_HUMAN.</p> <p>Background: The protein encoded by this gene is involved in the transforming growth factor beta signaling pathway that results in an inhibition of the proliferation of hematopoietic progenitor cells. The encoded protein is activated by bone morphogenetic proteins type 1 receptor kinase, and may be involved in cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]</p>
Gene ID:	4090
UniProt:	Q99717

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage:	4 °C,-20 °C
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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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Expiry Date:	12 months
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