

Smad5 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08394
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from the Internal region of human Smad5.
Mol wt	52258
Species reactivity	Human, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Smad5 Antibody
Synonyms	SMAD5; MADH5; Mothers against decapentaplegic homolog 5; MAD homolog 5; Mothers against DPP homolog 5; JVS-1; SMAD family member 5; SMAD 5; Smad5; hSmad5

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Mothers against decapentaplegic homolog 5 encoded by SMAD5 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.

Recommended Dilution

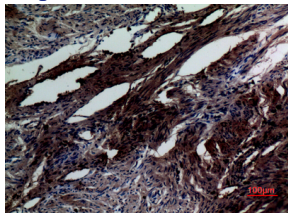
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 300

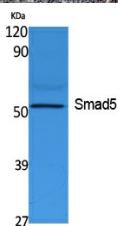
ELISA: 1: 40000

Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded human-uterus, antibody was diluted at 1:100



Western Blot analysis of extracts from K562 cells, using Smad5 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Storage

-20°C for one year

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