

Smad3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14308
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Smad3. AA range:170-219
Mol wt	48081
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Mothers against decapentaplegic homolog 3
Synonyms	Mothers against decapentaplegic homolog 3; SMAD3; MADH3; 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

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

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.

Recommended Dilution

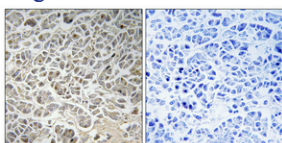
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

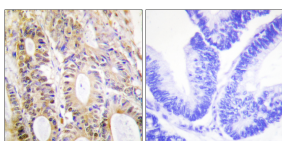
ELISA: 1: 10000

Not yet tested in other applications.

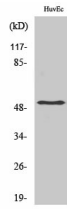
Images



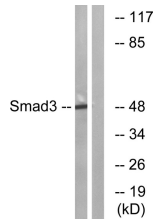
Immunohistochemical analysis of paraffin-embedded Human pancreas. Antibody was diluted at 1:100(4°C overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using Smad3 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Smad3 Polyclonal Antibody



Western blot analysis of lysates from HUVEC cells, using Smad3 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for 1 year

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