

## Smad3(Phospho Thr179) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP14304
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Smad3 around the phosphorylation site of Thr179. AA range:145-194
<b>Mol wt</b>	48081
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Mothers against decapentaplegic homolog 3
<b>Synonyms</b>	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

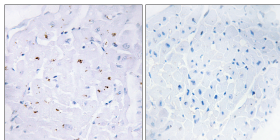
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

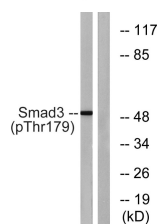
ELISA: 1: 10000

Not yet tested in other applications.

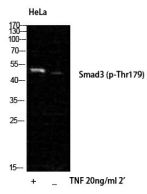
### Images



Immunohistochemistry analysis of paraffin-embedded human heart, using Smad3 (Phospho-Thr179) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of HELA cells using Phospho-Smad3 (T179) Polyclonal Antibody



Western blot analysis of lysates from HeLa cells treated with TNF 20ng/ml 2', using Smad3 (Phospho-Thr179) Antibody. The lane on the right is blocked with the phospho peptide.

### Storage

-20°C for 1 year

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