

Rabbit Smad3 Antibody | anti-Smad3 antibody

Smad3 (Phospho-Thr179) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA111481	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

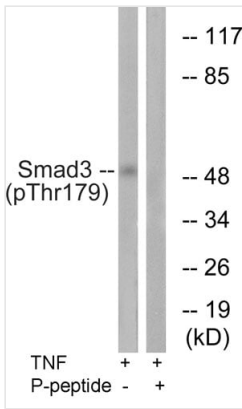
PRODUCT SYNONYMS

Smad3; Smad3 (Phospho-Thr179) Antibody; JV15-2; MAD-3; MADH3; Mad3; Mothers against DPP homolog 3; Mothers against decapentaplegic homolog 3; SMAD 3; Smad 3; anti-Smad3 antibody

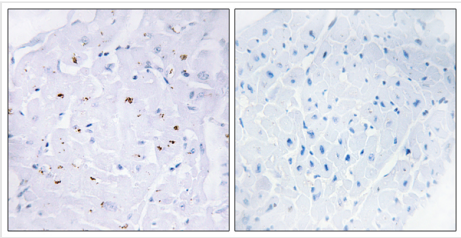
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Specificity	Smad3 (Phospho-Thr179) antibody detects endogenous levels of Smad3 only when phosphorylated at threonine 179.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	320
Applicable Applications for anti-Smad3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Smad3 around the phosphorylation site of threonine 179 (P-E-TP-P-P).
All Sites	Human: Thr179 Mouse: Thr179 Rat: Thr179
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, treated with TNF (20ng/ml, 2mins), using Smad3 (Phospho-Thr179) antibody.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human thymus gland tissue using Smad3 (Phospho-Thr179) antibody. P-peptide: - / +

ADDITIONAL INFORMATION

Product Categories/Family for anti-Smad3 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Zhang Y., Nature 383:168-172(1996). Riggins G.J., Nat. Genet. 13:347-349(1996). Arai T., Cancer Lett. 122:157-163(1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	223029440
NCBI GeneID	4088
NCBI Accession #	NP_001138574.1
NCBI GenBank Nucleotide #	NM_001145102.1
UniProt Accession #	P84022; O09064; O09144; O14510; O35273; Q92940; Q93002; A8K4B6; B7Z4Z5; B7Z6M9; B7Z9Q2; F5H383
NCBI Official Full Name	mothers against decapentaplegic homolog 3 isoform 2
NCBI Official Synonym Full Names	SMAD family member 3
NCBI Official Symbol	SMAD3
NCBI Official Synonym Symbols	LDS3; LDS1C; MADH3; JV15-2; HSPC193; HsT17436
NCBI Protein Information	mothers against decapentaplegic homolog 3
UniProt Protein Name	Mothers against decapentaplegic homolog 3
UniProt Gene Name	SMAD3
UniProt Synonym Gene Names	MADH3; MAD homolog 3; Mad3; Mothers against DPP homolog 3; hMAD-3; SMAD 3; Smad3; hSMAD3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.