

Rabbit anti-Human, Mouse SMURF2 Polyclonal Antibody | anti-SMURF2 antibody

SMURF2 Antibody

CATALOG # AAA307697	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

SMURF2; Polyclonal Antibody; SMURF2 Antibody; DKFZp686F0270; SMUF2; anti-SMURF2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SMURF2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.7 mg/ml (varies by lot)
Sequence Length	748
Applicable Applications for anti-SMURF2 antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human SMAD specific E3 ubiquitin protein ligase 2
Target Name	SMURF2
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/15.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using at dilution 1/15.

ADDITIONAL INFORMATION

Related Product Information for anti-SMURF2 antibody	E3 ubiquitin-protein ligase SMURF2 is an enzyme that in humans is encoded by the SMURF2 gene. E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Interacts with SMAD1 and SMAD7 in order to trigger their ubiquitination and proteasome-dependent degradation. In addition, interaction with SMAD7 activates autocatalytic degradation, which is prevented by interaction with SCYE1. Forms a stable complex with the TGF-beta receptor-mediated phosphorylated SMAD2 and SMAD3.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12232397
NCBI GeneID	64750
NCBI Accession #	NP_073576.1
NCBI GenBank Nucleotide #	NM_022739.3
UniProt Accession #	Q9HAU4; Q52LL1; Q9H260
Molecular Weight	86,196 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase SMURF2
NCBI Official Synonym Full Names	SMAD specific E3 ubiquitin protein ligase 2
NCBI Official Symbol	SMURF2
NCBI Protein Information	E3 ubiquitin-protein ligase SMURF2
UniProt Protein Name	E3 ubiquitin-protein ligase SMURF2
UniProt Gene Name	SMURF2
UniProt Synonym Gene Names	hSMURF2
UniProt Entry Name	SMUF2_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/smurf2-antibody-immunohistochemistry-elisa/307697>