

Rabbit SMURF1 Polyclonal Antibody | anti-SMURF1 antibody

SMURF1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287956	Rabbit	Human (Predicted Reactivity: Mouse, Xenopus)	Immunohistochemistry, ELISA, Western Blot

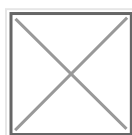
PRODUCT SYNONYMS

SMURF1; Polyclonal Antibody; SMURF1 Antibody (C-term); E3 ubiquitin-protein ligase SMURF1; hSMURF1; 632-; SMAD ubiquitination regulatory factor 1; SMAD-specific E3 ubiquitin-protein ligase 1; KIAA1625; anti-SMURF1 antibody

PRODUCT SPECIFICATIONS

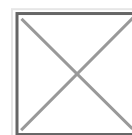
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SMURF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 711-740 amino acids from the C-terminal region of human SMURF1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	711-740
Sequence Length	728
Applicable Applications for anti-SMURF1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

The anti-SMURF1 Pab is used in Western blot to detect SMURF1 in HL-60 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-SMURF1 antibody	SMURF1 is an 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. This protein interacts with receptor-regulated SMADs specific for the BMP pathway, SMAD1 and SMAD5, in order to trigger their ubiquitination and degradation and thereby their inactivation.
Product Categories/Family for anti-SMURF1 antibody	Cell Biology
References	Tajima, Y., et al., J. Biol. Chem. 278(12):10716-10721 (2003). Suzuki, C., et al., J. Biol. Chem. 277(42):39919-39925 (2002). Ebisawa, T., et al., J. Biol. Chem. 276(16):12477-12480 (2001). Zhu, H., et al., Nature 400(6745):687-693 (1999). Lambris, J., et al., J. Immunol. Methods 27(1):55-59 (1979).

NCBI AND UNIPROT INFORMATION

NCBI GI #	315434204
NCBI GeneID	57154
NCBI Accession #	NP_001186776.1; NP_065162.1; NP_851994.1
NCBI GenBank Nucleotide #	NM_001199847.1
UniProt Accession #	Q9HCE7; O75853; Q547Q3; Q9UJT8; A4D279; B7ZMB6; B9EGV3
Molecular Weight	86114
NCBI Official Full Name	E3 ubiquitin-protein ligase SMURF1 isoform 3
NCBI Official Synonym Full Names	SMAD specific E3 ubiquitin protein ligase 1
NCBI Official Symbol	SMURF1
NCBI Protein Information	E3 ubiquitin-protein ligase SMURF1
UniProt Protein Name	E3 ubiquitin-protein ligase SMURF1
UniProt Gene Name	SMURF1
UniProt Synonym Gene Names	KIAA1625; hSMURF1
UniProt Entry Name	SMUF1_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/smurf1-antibody-immunohistochemistry-western-blot-elisa/287956>