

Rabbit anti-Human, Mouse SMURF1 Polyclonal Antibody | anti-SMURF1 antibody

SMURF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233069	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

SMURF1; Polyclonal Antibody; SMURF1 Antibody; E3 ubiquitin-protein ligase SMURF1; SMAD ubiquitination regulatory factor 1; SMAD-specific E3 ubiquitin-protein ligase 1; KIAA1625; anti-SMURF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	728
Applicable Applications for anti-SMURF1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human E3 ubiquitin-protein ligase SMURF1 protein (198-374AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-14906 / sc-14908 / sc-5731 / sc-5732 / sc-25510 / sc-130877
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



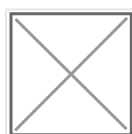
IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA233069 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



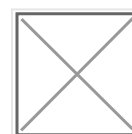
IF (Immunofluorescence)

Immunofluorescent analysis of Hela cells using AAA233069 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA233069 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA233069 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in:Mouse liver tissue,Mouse brain tissueAll lanes: SMURF1 antibody at 3.4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 87,84 kDaObserved band size: 87,70 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SMURF1 antibody

E3 ubiquitin-protein ligase that acts as a negative regulator of BMP signaling pathway. Mediates ubiquitination and degradation of SMAD1 and SMAD5, 2 receptor-regulated SMADs specific for the BMP pathway. Promotes ubiquitination and subsequent proteasomal degradation of TRAF family members and RHOA. Plays a role in dendrite formation by melanocytes (PubMed: 23999003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	315434204
NCBI GeneID	57154
NCBI Accession #	NP_001186776.1
NCBI GenBank Nucleotide #	NM_001199847.1
UniProt Accession #	Q9HCE7; O75853; Q547Q3; Q9UJT8; A4D279; B7ZMB6; B9EGV3
Molecular Weight	83,440 Da
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-immunofluorescence-immunohistochemistry-western-blot-elisa/233069>