



Rabbit Anti-SMURF1 antibody

SL9391R

Product Name:	SMURF1
Chinese Name:	Smad蛋白E3Ubiquitin连接酶1抗体
Alias:	Smad ubiquitination regulatory factor 1; Smad ubiquitination regulatory factor 1; Smad specific E3 ubiquitin ligase 1; E3 ubiquitin-protein ligase SMURF1; hSMURF1; Smad specific E3 ubiquitin ligase 1; SMAD specific E3 ubiquitin protein ligase 1; Smad ubiquitination regulatory factor 1; SMAD-specific E3 ubiquitin-protein ligase 1; SMUF1 HUMAN; SMURF 1; smurf1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	83kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SMURF1:65-170/757
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	E3 ubiquitin-protein ligase that acts as a negative regulator of BMP signaling pathway. Acts by mediating 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.

Subcellular Location:

Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side.

Similarity:

Contains 1 C2 domain.

Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain.

Contains 2 WW domains.

SWISS:

Q9HCE7

Gene ID:

75154

Database links:

[Entrez Gene: 57154](#)Human

[Entrez Gene: 75788](#)Mouse

[Omin: 605568](#)Human

[SwissProt: Q9HCE7](#)Human

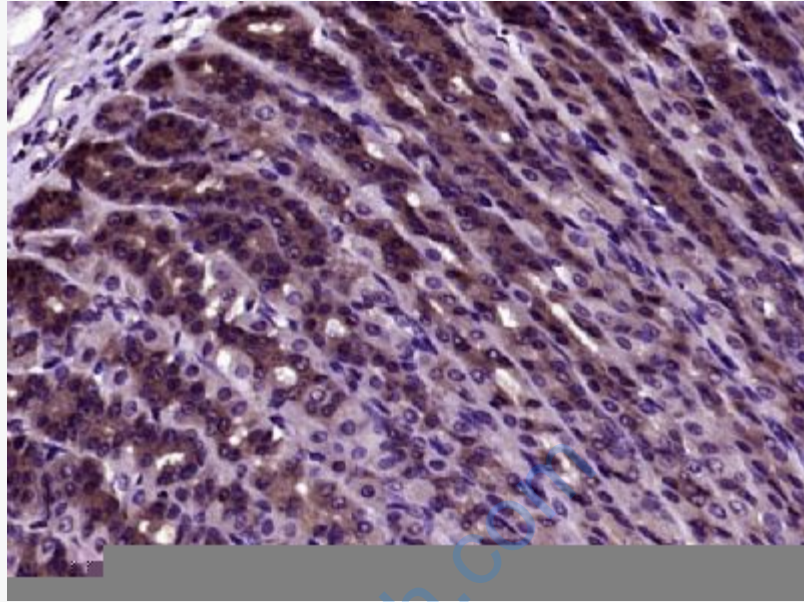
[SwissProt: Q9CUN6](#)Mouse

[Unigene: 189329](#)Human

[Unigene: 27735](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (rat stomach tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SMURF1) Polyclonal Antibody, Unconjugated (SL9391R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.