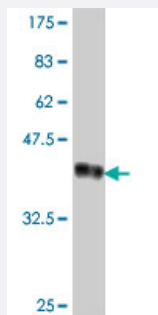


SMURF1 polyclonal antibody (A01)

Catalog # H00057154-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.55 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant SMURF1.
Immunogen	SMURF1 (NP_065162, 165 a.a. ~ 268 a.a) partial recombinant protein with GST tag.
Sequence	DSGPGRPLSCFMEEPAPYTDSTGAAAGGGNCRFVESPSQDQRLQAQRLRNPDVRGSLQTPQN RPHGHQSPELPEGYEQRTTVQGQVYFLHTQTGVSTWHDPRIP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.55 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SMURF1

Entrez GeneID [57154](#)

GeneBank Accession# [NM_020429](#)

Protein Accession# [NP_065162](#)

Gene Name SMURF1

Gene Alias KIAA1625

Gene Description SMAD specific E3 ubiquitin protein ligase 1

Omim ID [605568](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a ubiquitin ligase that is specific for receptor-regulated SMAD proteins in the bone morphogenetic protein (BMP) pathway. A similar protein in Xenopus is involved in embryonic pattern formation. Alternative splicing results in multiple transcript variants encoding different isoforms. An additional transcript variant has been identified, but its full length sequence has not been determined. [provided by RefSeq]

Other Designations E3 ubiquitin ligase SMURF1|Smad ubiquitination regulatory factor 1|Smad-specific E3 ubiquitin ligase 1

Pathway

- [Endocytosis](#)
- [TGF-beta signaling pathway](#)
- [Ubiquitin mediated proteolysis](#)