

Goat anti-SMURF1 Antibody

Item Number dAP-0734

Target Molecule Principle Name: SMURF1; Official Symbol: SMURF1; All Names and Symbols: SMURF1; SMAD specific E3 ubiquitin protein ligase 1; HGNC:16807; KIAA1625 ; E3 ubiquitin ligase SMURF1; Smad ubiquitination regulatory factor 1; Smad-specific E3 ubiquitin ligase 1; Accession Number (s): NP_065162.1; NP_851994.1; Human Gene ID(s): 57154; Non-Human GeneID(s):

Immunogen PSEGSLEDEELPAQ, is from internal region
This antibody is expected to recognise both reported isoforms (NP_065162.1 and NP_851994.1).

Applications Pep ELISA

Species Tested:

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied As lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Peptide ELISA Peptide ELISA: antibody detection limit dilution 1 to 1000.

Western Blot Western Blot: Preliminary experiments in lysates of cell lines HEK293, A431 and HepG2 gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been r

IHC

Reference Reference(s): Ozdamar B, Bose R, Barrios-Rodiles M, Wang HR, Zhang Y, Wrana JL. Regulation of the polarity protein Par6 by TGFbeta receptors controls epithelial cell plasticity. *Science*. 2005 Mar 11;307 (5715):1603-9. PMID: 15761148 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**