

Goat anti-RANGAP1 Antibody

Item Number	dAP-0299
Target Molecule	Principle Name: RANGAP1; Official Symbol: RANGAP1; All Names and Symbols: RANGAP1; KIAA1835; Ran GTPase activating protein 1; Fug1; MGC20266; SD; OTTHUMP00000198756; OT-THUMP00000198757; segregation distorter homolog; segregation distortion; Accession Number (s): NP_002874.1; Human Gene ID(s): 5905; Non-Human GeneID(s): 19387 (mouse)
Immunogen	ASEDIAKLAETLAK, is from N Terminus Please note that in mouse, there is a hypothetical protein called "similar to RANGAP1" (XP_139737.2) that is virtually identical.
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse
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 32000.
Western Blot	Western Blot: Approx 70kDa band observed in 3T3 lysates (predicted MW of 68kDa according to NP_002874). Recommended for use at 0.1-0.5µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Liver shows vesicular staining in the cytoplasm of hepatocytes. Recommended concentration: 2-4µg/ml.
Reference	Reference(s): Bischoff FR, Krebber H, Kempf T, Hermes I, Ponstingl H. Human RanGTPase-activating protein RanGAP1 is a homologue of yeast Rna1p involved in mRNA processing and transport. Proc Natl Acad Sci U S A. 1995 Feb 28;92(5):1749-53.. PMID: 7878053 ->

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 end users! This product is sold for **Research Use Only**