

Goat anti-Flotillin 1 Antibody

Item Number	dAP-0360
Target Molecule	Principle Name: Flotillin 1; Official Symbol: FLOT1; All Names and Symbols: FLOT1; flotillin 1; reggie-2; integral membrane component of caveolae; DADB-118P11.2; Accession Number (s): NP_005794.1; NP_001305804.1; Human Gene ID(s): 10211; Non-Human GeneID(s): 14251 (mouse)
Immunogen	SISQVNHKPLRTA, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_005794.1; NP_001305804.1).
Applications	Pep ELISA, WB, IHC Species Tested: Human
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 48kDa band observed in lysates of cell line H460 (calculated MW of 47.4kDa according to NP_005794.1). In transfected HEK293 transiently expressing FLOT1 a band of approx. 48kDa is observed. This band is not observed in the non-trans
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows membrane staining in DCT. Recommended concentration, 3-5µg/ml.
Reference	Reference(s): Bickel PE, Scherer PE, Schnitzer JE, Oh P, Lisanti MP, Lodish HF. Flotillin and epidermal surface antigen define a new family of caveolae-associated integral membrane proteins. J Biol Chem. 1997 May 23;272(21):13793-802..PMID: 9153235->

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**