

Goat anti-VPS35 / MEM3 Antibody

Item Number	dAP-0297
Target Molecule	Principle Name: VPS35 / MEM3; Official Symbol: VPS35; All Names and Symbols: VPS35; MEM3; FLJ10752; FLJ13588; FLJ20388; DKFZp434E1211; DKFZp434P1672; vacuolar protein sorting 35 (yeast); maternal-embryonic 3; vacuolar protein sorting 35 homolog (S. cerevisiae); vacuolar protein sorting 35; Accession Number (s): NP_060676.2; Human Gene ID(s): 55737; Non-Human GenID(s): 65114 (mouse)
Immunogen	SPESEGPIYEGLIL, is from C Terminus Note there is a hypothetical protein called similar to vacuolar protein sorting 35 (XP_040192.1), which is virtually identical.
Applications	Pep ELISA, WB, IHC Species Tested: Human, Rat
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 128000.
Western Blot	Western Blot: Approx 85-90kDa band observed in Human Brain (Cerebellum), Heart and Rat Brain lysates (calculated MW of 91.7kDa according to NP_060676.2). Recommended concentration: 1-3µg/ml. Preliminary testing was unsuccessful on Mouse Brain for this pa
IHC	Immunohistochemistry: Paraffin embedded Human Prostate and Small Intestine (Vessel). Recommended concentration: 5µg/ml.
Reference	Reference(s): Zhang P, Yu L, Gao J, Fu Q, Dai F, Zhao Y, Zheng L, Zhao S. Cloning and characterization of human VPS35 and mouse Vps35 and mapping of VPS35 to human chromosome 16q13-q21. <i>Genomics</i> . 2000 Dec 1;70(2):253-7.. PMID: 11112353 ->

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**