



Goat anti-ABCB9 / TAPL Antibody

Item Number	dAP-0364
Target Molecule	Principle Name: ABCB9 / TAPL; Official Symbol: ABCB9; All Names and Symbols: ABCB9; ATP-binding cassette, sub-family B (MDR/TAP), member 9; TAPL; KIAA1520; EST122234; Accession Number (s): NP_062570.1; NP_062571.1; NP_982269.1; Human Gene ID(s): 23457; Non-Human GeneID(s):
Immunogen	GHNEPVANGSHKA, is from C Terminus This antibody is expected to recognise both human isoforms of this protein (as represented by NP_062570.1, NP_062571.1 and NP_982269.1). Variants (NP_062571.1; NP_982269.1) encode the same
Applications	Pep ELISA, 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 64000.
Western Blot	Western Blot: Preliminary experiments gave no signal but low background in human brain and liver lysates at up to 1µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?
IHC	Immunohistochemistry: In paraffin embedded Human Testis shows vesiculate cytoplasm staining of primary spermatocytes. Recommended concentration, 3-5µg/ml.
Reference	Reference(s): Zhang F, Zhang W, Liu L, Fisher CL, Hui D, Childs S, Dorovini-Zis K, Ling V. Characterization of ABCB9, an ATP binding cassette protein associated with lysosomes. J Biol Chem. 2000 Jul 28;275(30):23287-94..PMID: 10748049 ->

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**