

Goat anti-ABCB10 Antibody

Item Number	dAP-1477
Target Molecule	Principle Name: ABCB10; Official Symbol: ABCB10; All Names and Symbols: ABCB10; ATP-binding cassette, sub-family B (MDR/TAP), member 10; EST20237; M-ABC2; MTABC2; ATP-binding cassette, sub-family B, member 10; ABC-me; Accession Number (s): NP_036221.2; Human Gene ID(s): 23456; Non-Human GeneID(s): 56199 (mouse) 361439 (rat)
Immunogen	KPNGIYRKL MNKQ, is from C Terminus
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 64000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx. 90kDa and 50kDa in Human Bone Marrow lysates after 0.05µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calc
IHC	
Reference	Reference(s): Graf SA, Haigh SE, Corson ED, Shirihai OS. Targeting, import, and dimerization of a mammalian mitochondrial ATP binding cassette (ABC) transporter, ABCB10 (ABC-me). J Biol Chem. 2004 Oct 8;279(41):42954-63.PMID: 15215243->

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**