



Goat anti-ABCG4 Antibody

Item Number	dAP-1508
Target Molecule	Principle Name: ABCG4; Official Symbol: ABCG4; All Names and Symbols: ABCG4; ATP-binding cassette, sub-family G (WHITE), member 4; WHITE2; ATP-binding cassette, subfamily G, member 4; putative ABC transporter; Accession Number (s): NP_071452.2; Human Gene ID(s): 64137; Non-Human GeneID(s): 192663 (mouse) 300664 (rat)
Immunogen	YLVLRYRVKSER, 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 8000.
Western Blot	Western Blot: Preliminary experiments in Human Brain (Cerebellum, Frontal Cortex, Hippocampus) and in Mouse Eye and Rat Retina lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback f
IHC	
Reference	Reference(s): Oldfield S, Lowry C, Ruddick J, Lightman S. ABCG4: a novel human white family ABC-transporter expressed in the brain and eye. Biochim Biophys Acta. 2002 Aug 19;1591(1-3):175-9.PMID: 12183068->

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**