

Goat anti-ABCA9 Antibody

Item Number	dAP-1441
Target Molecule	Principle Name: ABCA9; Official Symbol: ABCA9; All Names and Symbols: ABCA9; ATP-binding cassette, sub-family A (ABC1), member 9; DKFZp686F2450; EST640918; MGC75415; ATP-binding cassette A9; ATP-binding cassette, sub-family A, member 9; Accession Number (s): NP_525022.2; Human Gene ID(s): 10350; Non-Human GeneID(s):
Immunogen	QRVVQELEMENIQD, is from internal region
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 128000.
Western Blot	Western Blot: Approx. 170kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 184kDa according to NP_525022.2). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.
IHC	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 5µg/ml.
Reference	Reference(s): Piehler A, Kaminski WE, Wenzel JJ, Langmann T, Schmitz G Molecular structure of a novel cholesterol-responsive A subclass ABC transporter, ABCA9 Biochem Biophys Res Commun. 2002 Jul 12;295(2):408-16. PMID: 12150964->

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**