

## Goat anti-ABCA8 Antibody

Item Number	dAP-1481
Target Molecule	Principle Name: ABCA8; Official Symbol: ABCA8; All Names and Symbols: ABCA8; ATP-binding cassette, sub-family A (ABC1), member 8; KIAA0822; MGC163152; ATP-binding cassette, sub-family A member 8; Accession Number (s): NP_009099.1; Human Gene ID(s): 10351; Non-Human GeneID(s):
Immunogen	KEQELGDFEEDFD, is from C Terminus This antibody is expected to cross-react with the highly similar Human ABCA9, since the immunizing peptide differs from ABCA9 with only one residue (F8).
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 4000.
Western Blot	Western Blot: Preliminary experiments gave an approx. 50-55kDa band in Human Brain (Cerebellum, Cerebral Cortex, Frontal Cortex), Heart, Skeletal Muscle and Testis lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an exp
IHC	
Reference	Reference(s): Tsuruoka S, Ishibashi K, Yamamoto H, Wakaumi M, Suzuki M, Schwartz GJ, Imai M, Fujimura A. Functional analysis of ABCA8, a new drug transporter. Biochem Biophys Res Commun. 2002 Oct 18;298(1):41-5. PMID: 12379217->

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**