

Goat anti-ARMS2 Antibody

Item Number	dAP-2032
Target Molecule	Principle Name: ARMS2; Official Symbol: ARMS2; All Names and Symbols: ARMS2; age-related maculopathy susceptibility 2; ARMD8; Accession Number (s): NP_001093137.1; Human Gene ID(s): 387715; Non-Human GeneID(s):
Immunogen	EGASDKQRSK, is from internal region
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 4000.
Western Blot	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as small as the calculated size of 11.4kDa according to NP_001093137.1. Therefore we cannot recommend an optimal concentration.
IHC	Immunohistochemistry: In paraffin embedded Human Retina shows cytoplasm staining throughout. Recommended concentration: 2-4µg/ml.
Reference	Reference(s): Kanda A, Stambolian D, Chen W, Curcio CA, Abecasis GR, Swaroop A. Age-related macular degeneration-associated variants at chromosome 10q26 do not significantly alter ARMS2 and HTRA1 transcript levels in the human retina. Mol Vis. 2010 Jul 15;16:1317-23.. PMID: 20664794->

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**