

Goat anti-RDH5 Antibody

Item Number	dAP-2116
Target Molecule	Principle Name: RDH5; Official Symbol: RDH5; All Names and Symbols: RDH5; retinol dehydrogenase 5 (11-cis/9-cis); FLJ39337; FLJ97089; HSD17B9; RDH1; SDR9C5; 11-cis RDH; 9-cis-retinol specific dehydrogenase; retinol dehydrogenase 1; retinol dehydrogenase 5 (11-cis and 9-cis); short chain dehydrogenase/reductase family 9C, ; Accession Number (s): NP_002896.2; Human Gene ID(s): 5959; Non-Human GenelD(s): 366791 (rat)
Immunogen	RTPVTNLESLEKT, is from internal region
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 16000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 70kDa and 40kDa in Mouse Eye lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated siz
IHC	
Reference	Reference(s): Persson B, Kallberg Y, Bray JE, Bruford E, Dellaporta SL, Favia AD, Duarte RG, Jörnvall H, Kavanagh KL, Kedishvili N, Kisiela M, Maser E, Mindnich R, Orchard S, Penning TM, Thornton JM, Adamski J, Oppermann U, The SDR (short-chain dehydrogenase/reductase and related enzymes) nomenclature

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**