

## Goat anti-RDH5 Antibody

<b>Item Number</b>	dAP-2116
<b>Target Molecule</b>	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)
<b>Immunogen</b>	RTPVTNLESLEKT, is from internal region
<b>Applications</b>	Pep ELISA Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	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 size
<b>IHC</b>	
<b>Reference</b>	Reference(s): Persson B, Kallberg Y, Bray JE, Bruford E, Dellaporta SL, Favia AD, Duarte RG, Jörnvall H, Kavanagh KL, Kedishvili N, Kisielak 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 end users! This product is sold for **Research Use Only**