

## Goat anti-RDH5 (aa 19-31) Antibody

<b>Item Number</b>	dAP-2200
<b>Target Molecule</b>	Principle Name: RDH5 (aa 19-31); 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 GeneID(s): 19682 (mouse)
<b>Immunogen</b>	RDRQLPASNAFV, is from internal region
<b>Applications</b>	Pep ELISA, WB, IHC Species Tested: Human, Mouse
<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 8000.
<b>Western Blot</b>	Western Blot: Approx 35kDa band observed in Mouse Eye lysates (calculated MW of 34.8kDa according to Mouse NP_598767.1). Recommended concentration: 2-4µg/ml.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Retina shows staining of the Ganglion Cell Layer. Recommended concentration, 5-10µg/ml.
<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, Kisiel 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. <i>Enzyme and Protein Engineering</i> 2004; 17: 1-10.

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**