

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB10078 - Goat Anti-RDH5 (aa 19-31) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 11-cis RDH, 9-cis-retinol specific dehydrogenase, FLJ39337, FLJ97089, HSD17B9, RDH1, retinol dehydrogenase 1, retinol dehydrogenase 5 (11-cis and 9-cis), retinol dehydrogenase 5 (11-cis/9-cis), SDR9C5, short chain dehydrogenase/reductase family 9C,, RDH5

**Official Symbol:** RDH5

**Accession Number(s):** NP\_002896.2

**Human GeneID(s):** [5959](#)

**Non-Human GeneID(s):** 19682 (mouse)

### Immunogen

Peptide with sequence C-RDRQSLPASNAFV, from the internal region of the protein sequence according to NP\_002896.2.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:8000.

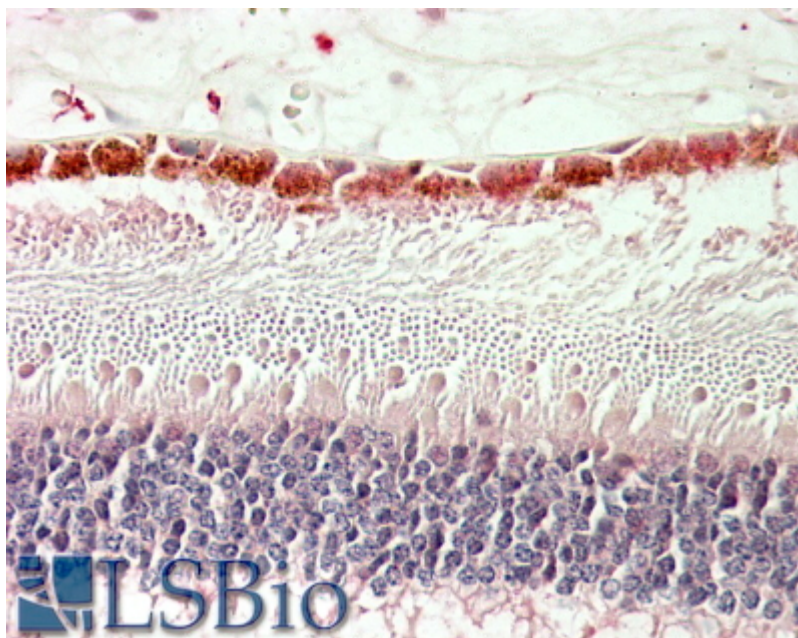
**Western blot:** Approx 35kDa band observed in Mouse Eye lysates (calculated MW of 34.8kDa according to Mouse NP\_598767.1). Recommended concentration: 2-4µg/ml.

**IHC:** In paraffin embedded Human Retina shows staining of the Ganglion Cell Layer. Recommended concentration, 5-10µg/ml.

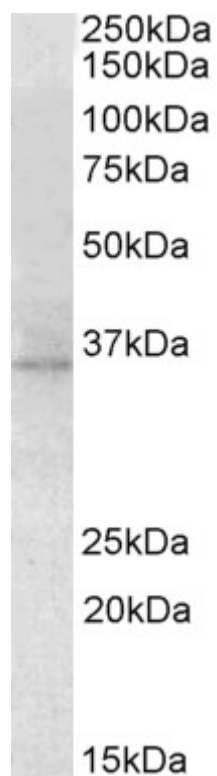
### Species Reactivity

**Tested:** Human, Mouse

**Expected from sequence similarity:** Human, Mouse, Dog



EB10078 (5µg/ml) staining of paraffin embedded Human Retina. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB10078 (2µg/ml) staining of Mouse Eye lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.