antibodies -online.com







anti-RDH5 antibody (AA 19-31)





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Grade:

0.0		
Quantity:	100 µg	
Target:	RDH5	
Binding Specificity:	AA 19-31	
Reactivity:	Human	
Host:	Goat	
Clonality:	Polyclonal	
Conjugate:	This RDH5 antibody is un-conjugated	
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)	
Product Details		
Purpose:	RDH5 (aa 19-31)	
lmmunogen:	Peptide with sequence C-RDRQSLPASNAFV, from the internal region of the protein sequence according to NP_002896.2.	
Sequence:	RDRQSLPASN AFV	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.	

Verified

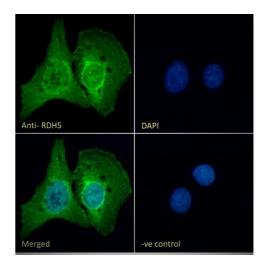
Target Details

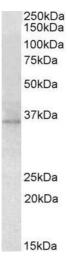
l arget Details		
Target:	RDH5	
Alternative Name:	RDH5 (RDH5 Products)	
Background:	RDH5, retinol dehydrogenase 5 (11-cis/9-cis), FLJ39337, FLJ97089, HSD17B9, RDH1, SDR9C5, 11-cis RDH, 9-cis-retinol specific dehydrogenase, retinol dehydrogenase 1, retinol dehydrogenase 5 (11-cis and 9-cis), short chain dehydrogenase/reductase family 9C,	
Gene ID:	5959, 19682	
NCBI Accession:	NP_002896	
Application Details		
Application Notes:	Immunohistochemistry: In paraffin embedded Human Retina shows staining of the Ganglion Cell Layer. Recommended concentration: 5-10 µg/mL. Western Blot: Preliminary testing showed a band at approx32 kDa in Human Heart and approx. 35 kDa in Human Breast lysate, after 0.3 µg/mL antibody staining. (calculated MW of 35.0 kDa according to NP_002896.2). Primary incubation 1 hour at room temperatur Peptide ELISA: antibody detection limit dilution 1:8000.	
Comment:	Immunofluorescence: Strong expression of the protein seen in U2OS cells. Recommended concentration: 10μg/ml. Flow Cytometry: Flow cytometric analysis of U2OS cells. Recommended concentration: 10μg/ml.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.5 mg/mL	
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Minimize freezing and thawing.	
Storage:	-20 °C	

Storage Comment:

Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



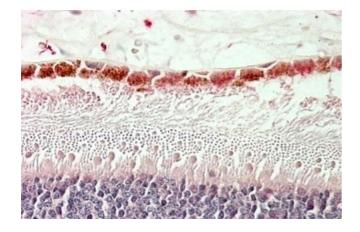


Immunofluorescence

Image 1. (ABIN571175) Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 μ g/mL) followed by Alexa Fluor 488 secondary antibody (2 μ g/mL), showing strong Endoplasmic Reticulum and weak cytoplasmic and nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 μ g/mL) followed by Alexa Fluor 488 secondary antibody (2 μ g/mL).

Western Blotting

Image 2. ABIN571175 (2μg/ml) staining of Mouse Eye lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry

Image 3. (ABIN571175) (5 μ g/mL) staining of paraffin embedded Human Retina. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Please check the product details page for more images. Overall 4 images are available for ABIN571175.