

Nur für Forschungszwecke

# RDH5 Polyklonaler Antikörper

Katalog-Nr.:13140-1-AP



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 13140-1-AP	<b>GenBank-Zugangsnummer:</b> BC028298	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 500 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 5959	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:1000
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> retinol dehydrogenase 5 (11-cis/9-cis)	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 318 aa, 35 kDa	
<b>Immunogen Katalognummer:</b> AG3784	<b>Beobachtete Masse:</b> 32 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB : Maus-Augengewebe, Ratten-Augengewebe
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	

## Hintergrundinformationen

RDH5, also named as RDH1, SDR9C5 and HSD17B9, belongs to short-chain dehydrogenases/reductases (SDR) family. RDH5 catalyzes the oxidation of cis-isomers of retinol in an NAD-dependent manner for the final step in the biosynthesis of 11-cis retinaldehyde. Mutations in this gene are associated with fundus albipunctatus, an autosomal recessive eye disease characterized by stationary night blindness and accumulation of white spots in the retina (PubMed:11675386). The predicted size of this protein is 35 kDa. Some paper have reported that the molecular weight is 32 kDa and could form a dimer of about 60 kDa.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

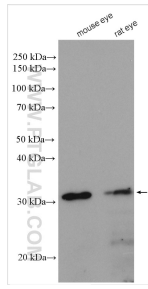
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 13140-1-AP (RDH5 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.