

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-RDH5



Numéro de catalogue: 13140-1-AP

## Informations de base

Numéro de catalogue:	13140-1-AP	Numéro d'acquisition GenBank:	BC028298	Méthode de purification:	Purification par affinité contre l'antigène
Taille:	150ul , Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI):	5959	Dilutions recommandées:	WB 1:500-1:1000
Hôte:	Lapin	Nom complet:	retinol dehydrogenase 5 (11-cis/9-cis)		
Isotype:	IgG	MW calculé:	318 aa, 35 kDa		
Immunogen Catalog Number:	AG3784	MW observés:	32 kDa		

## Applications

Applications testées:	WB, ELISA	Contrôles positifs:	WB : tissu oculaire de souris, tissu oculaire de rat
Spécificité de l'espèce:	Humain, rat, souris		

## Informations générales

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.

## Stockage

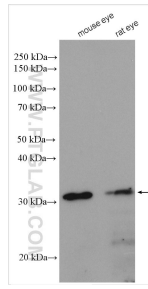
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

For technical support and original validation data for this product please contact:  
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## Données de validation sélectionnées



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.