

For Research Use Only

CRX Monoclonal antibody, PBS Only

Catalog Number: 67555-1-PBS



Basic Information

Catalog Number: 67555-1-PBS	GenBank Accession Number: BC016664	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 1406	CloneNo.: 1C3C11
Source: Mouse	UNIPROT ID: O43186	
Isotype: IgG1	Full Name: cone-rod homeobox	
Immunogen Catalog Number: AG30086	Calculated MW: 299 aa, 32 kDa	
	Observed MW: 37 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IHC

Species Specificity:
Human, mouse, rat, pig

Background Information

Cone-rod homeobox (Crx) is a homeodomain transcription factor and member of the Otx family, which has been thought to play a critical role in determining and maintaining the phenotype of both pinealocytes and retinal photoreceptors [PMID:17467693]. In the mammalian retina, Crx plays an essential role in the normal development and maintenance of cones and rods and regulates expression of the network of genes that characterize the retina [PMID:17653270]. Elimination of Crx by disruption of the homeobox domain results in loss of the image-forming visual system but not the non-image-forming visual system controlling circadian rhythms [PMID:20438719].

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

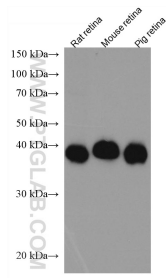
T: 4006900926

E: Proteintech-CN@ptglab.com

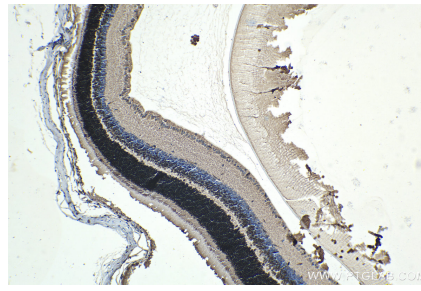
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67555-1-Ig (CRX antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67555-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse eye tissue slide using 67555-1-Ig (CRX antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67555-1-PBS in a different storage buffer formulation.