

For Research Use Only

VSX2 Monoclonal antibody, PBS Only



Catalog Number: 67626-1-PBS

Basic Information

Catalog Number: 67626-1-PBS	GenBank Accession Number: BC128153	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 338917	CloneNo.: 2C7C1
Source: Mouse	UNIPROT ID: P58304	
Isotype: IgG2b	Full Name: visual system homeobox 2	
Immunogen Catalog Number: AG29867	Calculated MW: 361 aa, 39 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, mouse, rat

Background Information

VSX2, also named as CHX10 and HOX10, belongs to the paired homeobox family. VSX2 plays a significant role in the specification and morphogenesis of the sensory retina. It may also participate in the development of the cells of the inner nuclear layer, particularly bipolar cells. Defects in VSX2 are the cause of microphthalmia isolated type 2 (MCOP2). Defects in VSX2 are the cause of microphthalmia with cataracts and iris abnormalities (MCOPCT1). Defects in VSX2 are the cause of microphthalmia isolated with coloboma type 3 (MCOPCB3). The antibody is specific to VSX2.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

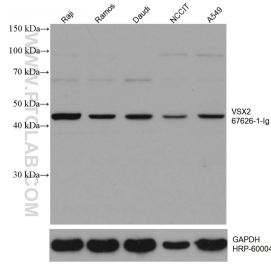
T: 4006900926

E: Proteintech-CN@ptglab.com

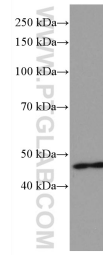
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67626-1-Ig (VSX2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 67626-1-PBS in a different storage buffer formulation.



rat eye tissue were subjected to SDS PAGE followed by western blot with 67626-1-Ig (VSX2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67626-1-PBS in a different storage buffer formulation.