

For Research Use Only

VSX2 Monoclonal antibody

Catalog Number: 67626-1-Ig



Basic Information

Catalog Number: 67626-1-Ig	GenBank Accession Number: BC128153	Purification Method: Protein A purification
Size: 800 µg/ml	GeneID (NCBI): 338917	CloneNo.: 2C7C1
Source: Mouse	UNIPROT ID: P58304	Recommended Dilutions: WB 1:5000-1:50000
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, ELISA	Positive Controls: WB : Raji cells, rat eye tissue, Ramos cells, Daudi cells, NCCIT cells, A549 cells
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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

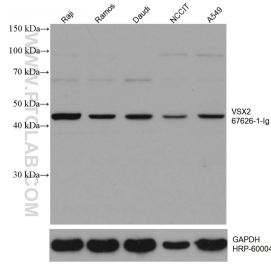
T: 4006900926

E: Proteintech-CN@ptglab.com

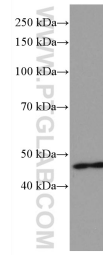
W: ptgcn.com

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

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.



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.