For Research Use Only

VSX2 Monoclonal antibody, PBS Only

Catalog Number:67626-1-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
67626-1-PBS

Size:
1 mg/ml

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG29867

GenBank Accession Number:
BC128153

GeneID (NCBI):
338917

UNIPROT ID:
P58304

Full Name:
visual system homeobox 2

Calculated MW:
361 aa, 39 kDa

Observed MW:
45 kDa

Purification Method:
Protein A purification

CloneNo.:
2C7C1

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 (MCOPCTI). Defects in VSX2 are the cause of microphthalmia isolated with coloboma type 3 (MCOPCB3). The antibody is specific to VSX2.

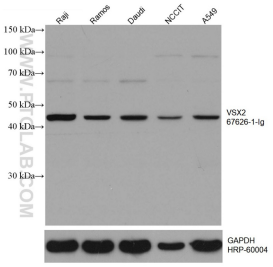
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

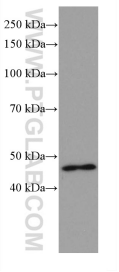
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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. 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.