

For Research Use Only

# VSX2 Polyclonal antibody

Catalog Number: 25825-1-AP

2 Publications



## Basic Information

### Catalog Number:

25825-1-AP

### Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 433 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG23035

### GenBank Accession Number:

BC128153

### GeneID (NCBI):

338917

### UNIPROT ID:

P58304

### Full Name:

visual system homeobox 2

### Calculated MW:

361 aa, 39 kDa

### Observed MW:

42 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

IF-P 1:50-1:500

IF-Fro 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF-P, IF-Fro, ELISA

### Cited Applications:

IF

### Species Specificity:

human, mouse

### Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : mouse eye tissue,

IHC : human retinoblastoma tissue, human lung cancer tissue

IF-P : mouse eye tissue,

IF-Fro : mouse eye tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Elke Gabriel	34407456	Cell Stem Cell	IF
Elke Gabriel	37198320	Nat Protoc	IF

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

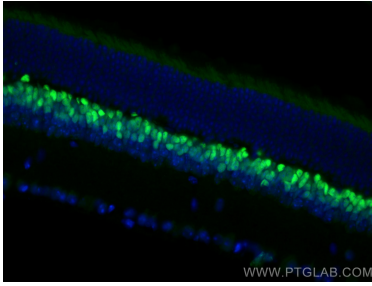
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

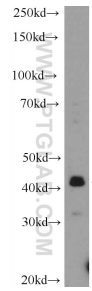
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

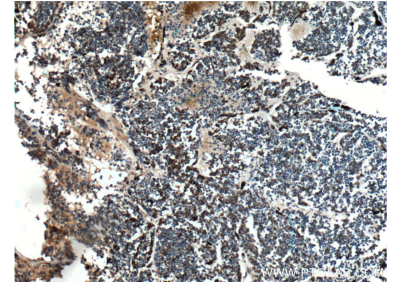
## Selected Validation Data



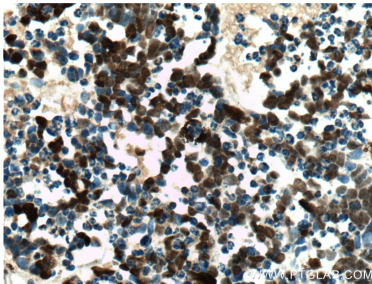
Immunofluorescent analysis of (4% PFA) fixed mouse eye tissue using VSX2 antibody (25825-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



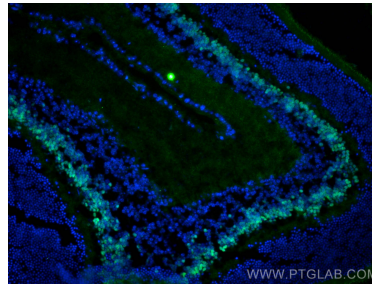
mouse eye tissue were subjected to SDS PAGE followed by western blot with 25825-1-AP (VSX2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human retinoblastoma tissue slide using 25825-1-AP (VSX2 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human retinoblastoma tissue slide using 25825-1-AP (VSX2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed frozen OCT-embedded mouse eye tissue using VSX2 antibody (25825-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).