

#### VITRN Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP10507b

#### Specification

# VITRN Antibody (C-term) - Product Information

Application Primary Accession Other Accession Reactivity Predicted Host Clonality Isotype Calculated MW Antigen Region WB, IHC-P, FC,E <u>O6UXI7</u> <u>O8VHI5</u>, <u>O95LI2</u>, <u>NP\_001171442.1</u> Human Bovine, Mouse Rabbit Polyclonal Rabbit IgG 73930 567-595

### VITRN Antibody (C-term) - Additional Information

Gene ID 5212

Other Names Vitrin, VIT

#### Target/Specificity

This VITRN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 567-595 amino acids from the C-terminal region of human VITRN.

**Dilution** WB~~1:1000 IHC-P~~1:50~100 FC~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

VITRN Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

# VITRN Antibody (C-term) - Protein Information

Name VIT



**Function** Promotes matrix assembly and cell adhesiveness. Plays a role in spinal cord formation by regulating the proliferation and differentiation of neural stem cells.

**Cellular Location** 

Secreted, extracellular space, extracellular matrix

### VITRN Antibody (C-term) - Protocols

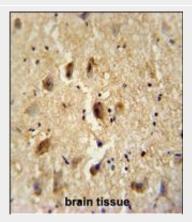
Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

# VITRN Antibody (C-term) - Images

U251	
250	
130	1.1
95	
72	••
55	

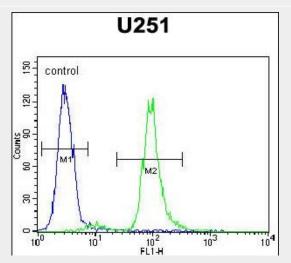
VITRN Antibody (C-term) (Cat. #AP10507b) western blot analysis in U251 cell line lysates (35ug/lane).This demonstrates the VITRN antibody detected the VITRN protein (arrow).



VITRN antibody (C-term) (Cat. #AP10507b) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary



antibody and DAB staining. This data demonstrates the use of the VITRN antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



VITRN Antibody (C-term) (Cat. #AP10507b) flow cytometric analysis of U251 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

# VITRN Antibody (C-term) - Background

Promotes matrix assembly and cell adhesiveness (By similarity).

# VITRN Antibody (C-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003) Tomarev, S.I., et al. Invest. Ophthalmol. Vis. Sci. 44(6):2588-2596(2003) Whittaker, C.A., et al. Mol. Biol. Cell 13(10):3369-3387(2002) Mayne, R., et al. Biochem. Soc. Trans. 27(6):832-835(1999)