

VITRN Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10507b**Specification**

VITRN Antibody (C-term) - Product Information

Application	FC, WB, IHC-P,E
Primary Accession	Q6UXI7
Other Accession	Q8VHI5 , Q95LI2 , NP_001171442.1
Reactivity	Human
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	73930
Antigen Region	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

FC~~1:10~50

WB~~1:1000

IHC-P~~1:50~100

E~~Use at an assay dependent concentration.

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.

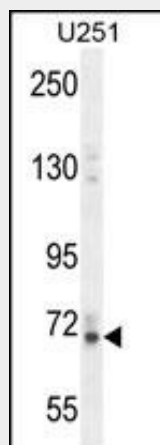
Cellular Location

Secreted, extracellular space, extracellular matrix

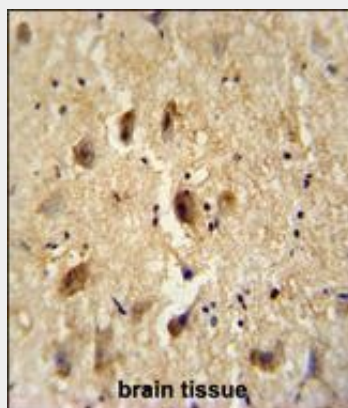
VITRN Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

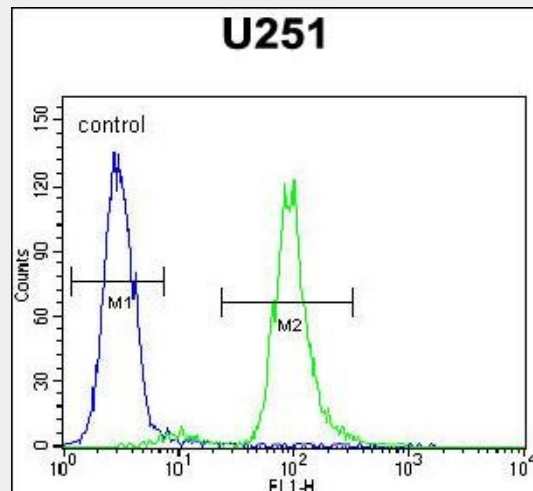
VITRN Antibody (C-term) - Images

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)