

Olfm1 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2719b

Specification

Olfm1 Antibody (C-term) - Product Information

| | |
|-------------------|---|
| Application | WB,E |
| Primary Accession | Q99784 |
| Other Accession | Q62609 , O88998 , Q9IAK4 |
| Reactivity | Human |
| Predicted | Chicken, Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit Ig |
| Calculated MW | 55343 |
| Antigen Region | 434-463 |

Olfm1 Antibody (C-term) - Additional Information

Gene ID 10439

Other Names

Noelin, Neuronal olfactomedin-related ER localized protein, Olfactomedin-1, OLFM1, NOE1, NOEL1

Target/Specificity

This Olfm1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 434-463 amino acids from the C-terminal region of human Olfm1.

Dilution

WB~1:1000

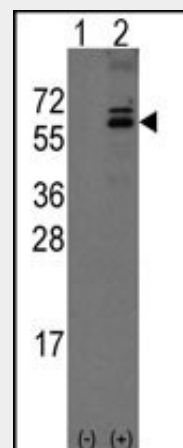
Format

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

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



Western blot analysis of Noelin-1(Olfm1) (arrow) using rabbit polyclonal Noelin-1(Olfm1) Antibody (C-term) (Cat.#AP2719b). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the Noelin-1(Olfm1) gene (Lane 2) (Origene Technologies).

Olfm1 Antibody (C-term) - Background

Olfm1 shares extensive sequence similarity with the rat neuronal olfactomedin-related ER localized protein. While the exact function of this protein is not known, its abundant expression in brain suggests that it may have an essential role in nerve tissue.

Olfm1 Antibody (C-term) - References

Yokoyama M.,DNA Res. 3:311-320(1996).
Yu W., Genome Res. 7:353-358(1997).
Liu T.,J. Proteome Res. 4:2070-2080(2005).

Olfm1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Olfm1 Antibody (C-term) - Protein Information

Name OLFM1

Synonyms NOE1, NOEL1

Function

Contributes to the regulation of axonal growth in the embryonic and adult central nervous system by inhibiting interactions between RTN4R and LINGO1. Inhibits RTN4R-mediated axon growth cone collapse (By similarity). May play an important role in regulating the production of neural crest cells by the neural tube (By similarity). May be required for normal responses to olfactory stimuli (By similarity).

Cellular Location

Secreted

{ECO:0000250|UniProtKB:O88998}. Cell junction, synapse

{ECO:0000250|UniProtKB:O88998}.

Endoplasmic reticulum

{ECO:0000250|UniProtKB:O88998}. Cell projection, axon

{ECO:0000250|UniProtKB:O88998}.

Perikaryon

{ECO:0000250|UniProtKB:O88998}

Olfm1 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](#)