

UNC50 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5294a**Specification**

UNC50 Antibody (N-term) - Product Information

Application	WB, FC,E
Primary Accession	Q53HI1
Other Accession	Q55227 , Q9CQ61 , Q7ZUU1 , Q3ZBG6
Reactivity	Human
Predicted	Bovine, Zebrafish, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	5-33

UNC50 Antibody (N-term) - Additional Information**Gene ID** 25972**Other Names**

Protein unc-50 homolog, Periodontal ligament-specific protein 22, PDLs22, Protein GMH1 homolog, hGMH1, Uncoordinated-like protein, UNC50, UNCL

Target/Specificity

This UNC50 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 5-33 amino acids from the N-terminal region of human UNC50.

Dilution

WB~~1:1000
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

UNC50 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

UNC50 Antibody (N-term) - Protein Information**Name** UNC50

Synonyms UNCL

Function Involved in the cell surface expression of neuronal nicotinic receptors (By similarity). Binds RNA (By similarity).

Cellular Location

Nucleus inner membrane {ECO:0000250|UniProtKB:O55227}; Multi-pass membrane protein {ECO:0000250|UniProtKB:O55227}. Golgi apparatus membrane; Multi-pass membrane protein

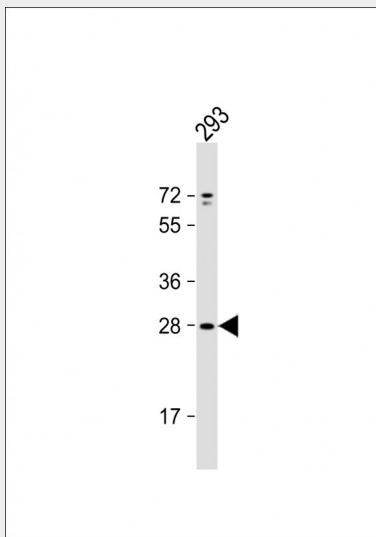
Tissue Location

Present in periodontal ligament fibroblasts (at protein level).

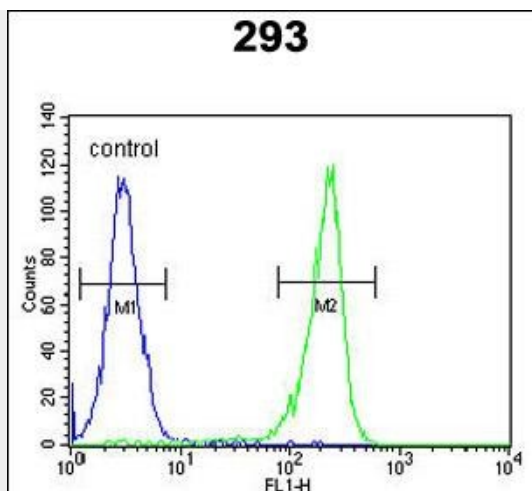
UNC50 Antibody (N-term) - Protocols

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](#)

UNC50 Antibody (N-term) - Images

Anti-UNC50 Antibody (N-term) at 1:1000 dilution + 293 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 30 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



UNC50 Antibody (N-term) (Cat. #AP5294a) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

UNC50 Antibody (N-term) - Background

UNC50 may be involved in cell surface expression of neuronal nicotinic receptors. Binds RNA.

UNC50 Antibody (N-term) - References

Kim, H.J., et al. Cell Tissue Res. 327(1):25-31(2007)
Fitzgerald, J., et al. Brain Res. 877(1):110-123(2000)

UNC50 Antibody (N-term) - Citations

- [UNC50 Prompts G1/S Transition and Proliferation in HCC by Regulation of Epidermal Growth Factor Receptor Trafficking.](#)