10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

UNC50 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5294a

Product Information

Application	FC, WB, E
Primary Accession	Q53HI1
Other Accession	O55227, Q9CQ61, Q7ZUU1, Q3ZBG6
Reactivity	Human
Predicted	Bovine, Zebrafish, Mouse, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26476
Calculated MW	30373
Antigen Region	5-33

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	FC~~1:10~50 WB~~1:1000 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	UNC50 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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).

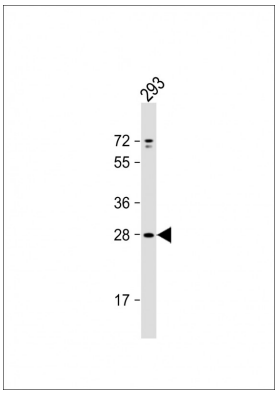
Background

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

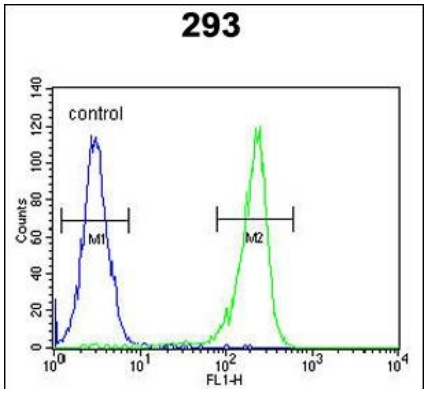
References

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

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.

Citations

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.