

M4A4A Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP10816A

Product Information

Application	WB, FC, E
Primary Accession	Q96JQ5
Other Accession	NP_076926.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28710
Calculated MW	25441
Antigen Region	37-64

Additional Information

Gene ID	51338
Other Names	Membrane-spanning 4-domains subfamily A member 4A, CD20 antigen-like 1, Four-span transmembrane protein 1, MS4A4A, 4SPAN1, CD20L1, MS4A4
Target/Specificity	This M4A4A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 37-64 amino acids from the N-terminal region of human M4A4A.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. 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	M4A4A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MS4A4A
Synonyms	4SPAN1, CD20L1, MS4A4
Function	May be involved in signal transduction as a component of a multimeric

receptor complex.

Cellular Location

Membrane; Multi-pass membrane protein.

Tissue Location

Variable expression in multiple hemopoietic cell lines

Background

This gene encodes a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. Alternative splicing of this gene results in several transcript variants; however, not all transcripts have been fully described.

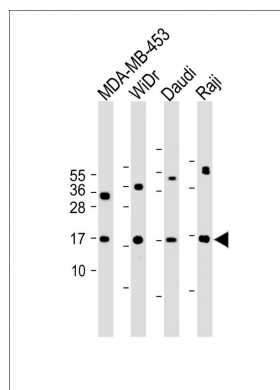
References

Liang, Y., et al. Immunogenetics 53(5):357-368(2001)

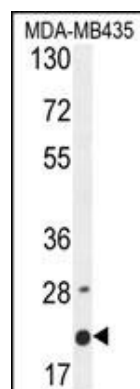
Liang, Y., et al. Genomics 72(2):119-127(2001)

Ishibashi, K., et al. Gene 264(1):87-93(2001)

Images

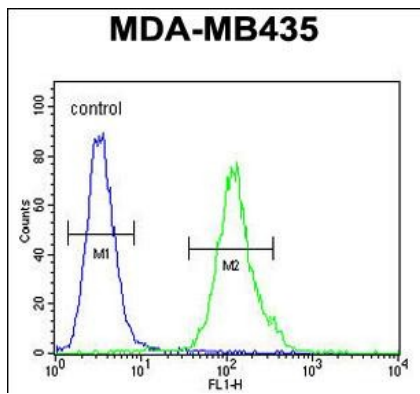


All lanes : Anti-M4A4A Antibody (N-term) at 1:500 dilution
Lane 1: MDA-MB-453 whole cell lysate Lane 2: WiDr whole cell lysate Lane 3: Daudi whole cell lysate Lane 4: Raji whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Observed band size : 17kDa Blocking/Dilution buffer: 5% NFDM/TBST.



M4A4A Antibody (N-term) (Cat. #AP10816a) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the M4A4A antibody detected the M4A4A protein (arrow).

M4A4A Antibody (N-term) (Cat. #AP10816a) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



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