

MACOI Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP4951a

Product Information

Application	WB, FC, E
Primary Accession	Q8N5G2
Other Accession	Q4V7D3 , Q2TLZ2 , Q7TQE6 , Q2TLZ3
Reactivity	Human
Predicted	Bovine, Mouse, Pig, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB25487
Calculated MW	76178
Antigen Region	233-262

Additional Information

Gene ID	55219
Other Names	Macoilin, Transmembrane protein 57, TMEM57
Target/Specificity	This MACOI antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 233-262 amino acids from the N-terminal region of human MACOI.
Dilution	WB~~1:1000 FC~~1:10~50 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	MACOI Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

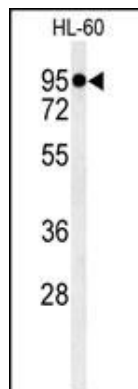
Name	MACO1 (HGNC:25572)
Function	Plays a role in the regulation of neuronal activity.
Cellular Location	Nucleus membrane {ECO:0000250 UniProtKB:Q7TQE6}; Multi-pass

membrane protein. Cell projection, axon {ECO:0000250|UniProtKB:Q7TQE6}.
Rough endoplasmic reticulum membrane; Multi-pass membrane protein.
Note=Detected in the nucleus membrane of non-neuronal cells and in axonal outgrowths of neuronal cells {ECO:0000250|UniProtKB:Q7TQE6}

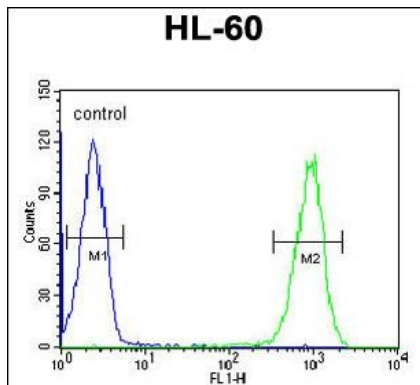
References

ulchenko, Y.S., et al. Nat. Genet. 41(1):47-55(2009)
Kuvbachieva, A., et al. Eur. J. Neurosci. 20(3):603-610(2004)
Colland, F., et al. Genome Res. 14(7):1324-1332(2004)

Images



Western blot analysis of MACOI Antibody (N-term) (Cat. #AP4951a) in HL-60 cell line lysates (35ug/lane). MACOI (arrow) was detected using the purified Pab.



MACOI Antibody (N-term) (Cat. #AP4951a) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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