

MACOI Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP4951a

Specification

MACOI Antibody (N-term) - Product Information

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

MACOI Antibody (N-term) - 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

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.

MACOI Antibody (N-term) - Protein Information

Name MACO1 ([HGNC:25572](#))

Function Plays a role in the regulation of neuronal activity.

Cellular Location

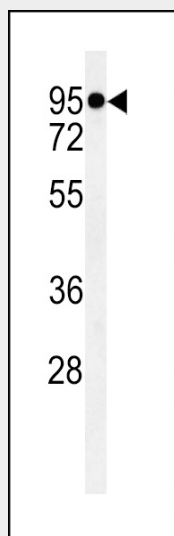
Nucleus membrane {ECO:0000250|UniProtKB:Q7TQE6}; Multi-pass membrane protein. Cell projection, axon {ECO:0000250|UniProtKB:Q7TQE6}. Rough endoplasmic reticulum membrane; Multi-pass membrane protein. Note=Detected in the nucleus membrane of non-neuronal cells and in axonal outgrowths of neuronal cells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

MACOI Antibody (N-term) - Protocols

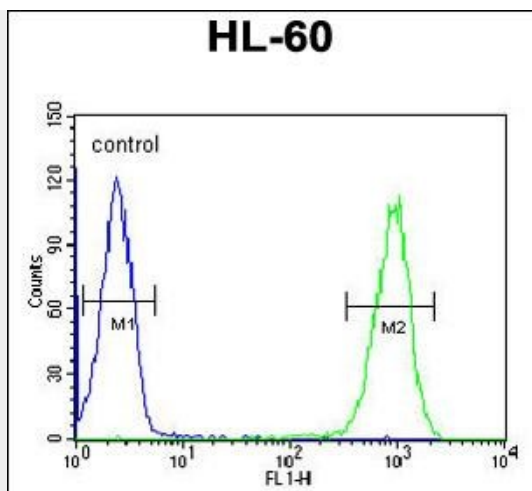
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MACOI Antibody (N-term) - 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.

MACOI Antibody (N-term) - 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)