

MARCKSL1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15076**Specification**

MARCKSL1 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	P49006
Other Accession	NM_023009 , NP_075385
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Predicted Host	Mouse, Horse, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 19kDa KDa

MARCKSL1 antibody - C-terminal region - Additional Information**Gene ID** 65108**Alias Symbol** **F52, MACMARCKS, MLP, MLP1, MRP**
Other Names

MARCKS-related protein, MARCKS-like protein 1, Macrophage myristoylated alanine-rich C kinase substrate, Mac-MARCKS, MacMARCKS, MARCKSL1, MLP, MRP

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-MARCKSL1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

MARCKSL1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

MARCKSL1 antibody - C-terminal region - Protein Information**Name** MARCKSL1**Synonyms** MLP, MRP**Function**

Controls cell movement by regulating actin cytoskeleton homeostasis and filopodium and lamellipodium formation (PubMed:22751924). When unphosphorylated, induces cell migration (By similarity). When phosphorylated by MAPK8, induces actin bundles formation and stabilization, thereby reducing actin plasticity, hence restricting cell movement, including neuronal migration (By

similarity). May be involved in coupling the protein kinase C and calmodulin signal transduction systems (By similarity).

Cellular Location

Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:P28667}. Cell membrane; Lipid- anchor.

Note=Associates with the membrane via the insertion of the N-terminal N-myristoyl chain and the partial insertion of the effector domain. Association of the effector domain with membranes may be regulated by Ca(2+)/calmodulin. Colocalizes with F-actin at the leading edge of migrating cells (By similarity). In prostate cancers, shows strong expression at apical and/or basal regions of the cell and also has weak cytoplasmic expression (PubMed:22751924).

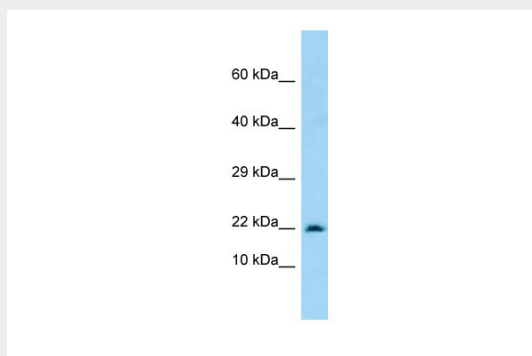
{ECO:0000250|UniProtKB:P28667, ECO:0000269|PubMed:22751924}

MARCKSL1 antibody - C-terminal region - Protocols

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

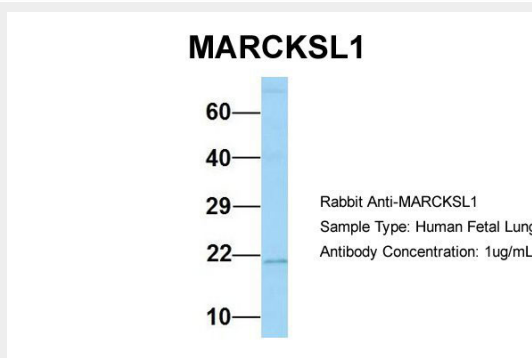
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MARCKSL1 antibody - C-terminal region - Images



WB Suggested Anti-MARCKSL1 Antibody Titration: 1.0 µg/ml

Positive Control: 293T Whole Cell | MARCKSL1 is supported by BioGPS gene expression data to be expressed in HEK293T



Host:Rabbit
Target Name:MARCKSL1
Sample Tissue:Human Fetal Lung
Antibody Dilution: 1.0µg/ml

MARCKSL1 antibody - C-terminal region - References

Blockx H.,et al.Submitted (FEB-1993) to the EMBL/GenBank/DDBJ databases.
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Olsen J.V.,et al.Cell 127:635-648(2006).