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

MRI1 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22034c

Specification

MRI1 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q9BV20
Reactivity	**Human**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**39150**

MRI1 Antibody (Center) - Additional Information

Gene ID 84245

Other Names
Methylthioribose-1-phosphate isomerase {ECO:0000255|HAMAP-Rule:MF_03119}, M1Pi {ECO:0000255|HAMAP-Rule:MF_03119}, MTR-1-P isomerase {ECO:0000255|HAMAP-Rule:MF_03119}, 5.3.1.23 {ECO:0000255|HAMAP-Rule:MF_03119}, Mediator of RhoA-dependent invasion, S-methyl-5-thioribose-1-phosphate isomerase {ECO:0000255|HAMAP-Rule:MF_03119}, Translation initiation factor eIF-2B subunit alpha/beta/delta-like protein {ECO:0000255|HAMAP-Rule:MF_03119}, MRI1 {ECO:0000255|HAMAP-Rule:MF_03119}, MRDI

Target/Specificity
This MRI1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 108-141 amino acids from the Central region of human MRI1.

Dilution
WB~~1:8000

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
MRI1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

MRI1 Antibody (Center) - Protein Information

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Name MRI1 {ECO:0000255|HAMAP-Rule:MF_03119}

Synonyms MRDI

Function Catalyzes the interconversion of methylthioribose-1-phosphate (MTR-1-P) into methylthioribulose-1-phosphate (MTRu-1-P). Independently from catalytic activity, promotes cell invasion in response to constitutive RhoA activation by promoting FAK tyrosine phosphorylation and stress fiber turnover.

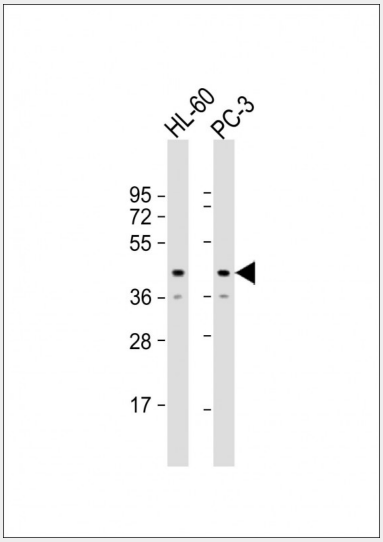
Cellular Location
Nucleus {ECO:0000255|HAMAP-Rule:MF_03119, ECO:0000269|PubMed:19620624}. Cytoplasm {ECO:0000255|HAMAP- Rule:MF_03119, ECO:0000269|PubMed:19620624}. Cell projection. Note=Primarily nuclear, but cytoplasmic in cancer cells, with enrichment at leading edge of the plasma membrane in late stage tumor cells

MRI1 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MRI1 Antibody (Center) - Images



All lanes : Anti-MRI1 Antibody (Center) at 1:8000 dilution Lane 1: HL-60 whole cell lysate Lane 2: PC-3 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 : 39 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

MRI1 Antibody (Center) - Background

Catalyzes the interconversion of methylthioribose-1- phosphate (MTR-1-P) into methylthioribulose-1-phosphate (MTRu-1- P). Independently from catalytic activity, promotes cell invasion in response to constitutive RhoA activation by promoting FAK tyrosine phosphorylation and stress fiber turnover.

MRI1 Antibody (Center) - References

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