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

MIER2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11173a

Specification

MIER2 Antibody (N-term) - Product Information

Application	**WB, FC,E**
Primary Accession	Q8N344
Other Accession	NP_060020.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**59944**
Antigen Region	**79-108**

MIER2 Antibody (N-term) - Additional Information

Gene ID 54531

Other Names
Mesoderm induction early response protein 2, Mi-er2, MIER2, KIAA1193

Target/Specificity
This MIER2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 79-108 amino acids from the N-terminal region of human MIER2.

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
MIER2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MIER2 Antibody (N-term) - Protein Information

Name MIER2

Synonyms KIAA1193

Function Transcriptional repressor.

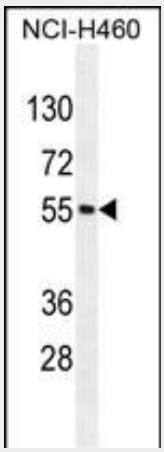
Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00512, ECO:0000255|PROSITE-ProRule:PRU00624}

MIER2 Antibody (N-term) - Protocols

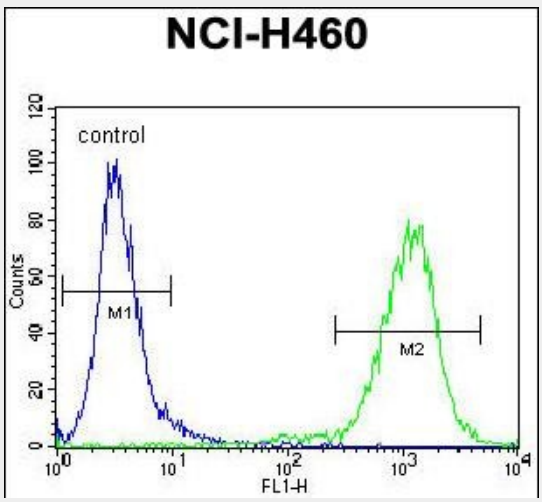
Provided below are standard protocols that you may find useful for product applications.

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

MIER2 Antibody (N-term) - Images



MIER2 Antibody (N-term) (Cat. #AP11173a) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the MIER2 antibody detected the MIER2 protein (arrow).



MIER2 Antibody (N-term) (Cat. #AP11173a) flow cytometric analysis of NCI-H460 cells (right

histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

MIER2 Antibody (N-term) - Background

Hydrolyzes ADP-ribose, IDP-ribose, CDP-glycerol, CDP-choline and CDP-ethanolamine, but not other non-reducing ADP-sugars or CDP-glucose. May be involved in immune cell signaling as suggested by the second-messenger role of ADP-ribose, which activates TRPM2 as a mediator of oxidative/nitrosative stress (By similarity).