

MIER1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18957C**Specification**

MIER1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q8N108
Other Accession	Q5UAK0 , NP_001071169.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	57983
Antigen Region	214-242

MIER1 Antibody (Center) - Additional Information**Gene ID** 57708**Other Names**

Mesoderm induction early response protein 1, Early response 1, Er1, Mi-er1, hMi-er1, MIER1, KIAA1610

Target/Specificity

This MIER1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 214-242 amino acids from the Central region of human MIER1.

Dilution

WB~~1:1000

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

MIER1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

MIER1 Antibody (Center) - Protein Information**Name** MIER1

Synonyms KIAA1610

Function Transcriptional repressor regulating the expression of a number of genes including SP1 target genes. Probably functions through recruitment of HDAC1 a histone deacetylase involved in chromatin silencing.

Cellular Location

[Isoform 1]: Nucleus. [Isoform 3]: Nucleus. [Isoform 5]: Cytoplasm.

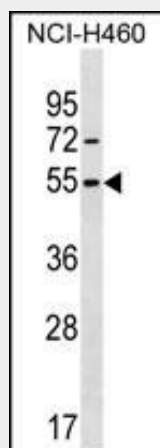
Tissue Location

Ubiquitously expressed, but at very low levels. However, consistent level of expression are observed in heart, testis, thyroid, ovary and adrenal gland. Transcripts are up-regulated in breast carcinoma cell lines and tumor.

MIER1 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 Cytometry](#)
- [Cell Culture](#)

MIER1 Antibody (Center) - Images

MIER1 Antibody (Center) (Cat. #AP18957c) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the MIER1 antibody detected the MIER1 protein (arrow).

MIER1 Antibody (Center) - Background

Transcriptional repressor of a number of genes including Sp1 target genes.

MIER1 Antibody (Center) - References

McCarthy, P.L., et al. Br. J. Cancer 99(4):639-646(2008)
Olsen, J.V., et al. Cell 127(3):635-648(2006)

Olsen, J.V., et al. Cell 127(3):635-648(2006)

Nousiainen, M., et al. Proc. Natl. Acad. Sci. U.S.A. 103(14):5391-5396(2006)

Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)