

For Research Use Only

MIER3 Polyclonal antibody

Catalog Number: 17543-1-AP

1 Publications



Basic Information

Catalog Number:

17543-1-AP

Size:

150ul , Concentration: 300 ug/ml by Nanodrop and 180 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11604

GenBank Accession Number:

BC041348

GeneID (NCBI):

166968

UNIPROT ID:

Q7Z3K6

Full Name:

mesoderm induction early response 1, family member 3

Calculated MW:

522 aa, 59 kDa

Observed MW:

55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Positive Controls:

WB : mouse uterus tissue,

Background Information

The mesoderm induction early response (MIER) protein family is known as fibroblast growth factor (FGF)-regulated immediate-early protein family. Activated by FGF, MIER proteins may have a pivotal role in FGF-regulated cellular activities, indicating a potential influence in the progression of certain cancers [PMID:15117948]. MIER3 localizes to the nucleus and primarily functions as a transcriptional repressor. Rat mammary carcinoma susceptibility 1b (Mcs1b) is a quantitative trait locus on RNO2 that confers decreased susceptibility when Copenhagen (COP)-resistant alleles are introgressed into a Wistar Furth (WF)-susceptible genome. MIER3 is a candidate Mcs1b gene [PMID:22993404].

Notable Publications

Author	Pubmed ID	Journal	Application
Shih-Wei Chen	23354120	Mitochondrion	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

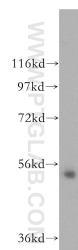
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse uterus tissue were subjected to SDS PAGE followed by western blot with 17543-1-AP (MIER3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.