

For Research Use Only

MIER2 Polyclonal antibody

Catalog Number: 17426-1-AP



Basic Information

Catalog Number:

17426-1-AP

Size:

650 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11491

GenBank Accession Number:

BC028203

GeneID (NCBI):

54531

UNIPROT ID:

Q8N344

Full Name:

mesoderm induction early response 1,
family member 2

Calculated MW:

545 aa, 60 kDa

Observed MW:

65-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HepG2 cells, HeLa cells, Jurkat cells, MCF-7 cells

Background Information

Mesoderm induction early response 2 (MIER2) is a member of the MIER family of proteins, which is relatively conservative in evolution and includes three members: MIER1, MIER2, and MIER3. The MIER family is known to contribute to histone deacetylase (HDAC) activity and actively participate in histone deacetylation (PMID: 28046085; PMID: 38702028). In renal cell carcinoma, MIER2 represses PGC1A expression by recruiting HDAC1 to deacetylate P53 (PMID: 28046085).

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

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

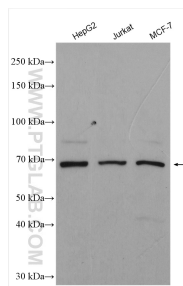
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17426-1-AP (MIER2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.