

For Research Use Only

HFM1 Polyclonal antibody, PBS Only

Catalog Number:33841-1-PBS



Basic Information

Catalog Number:

33841-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG40875

GenBank Accession Number:

BC130525

GeneID (NCBI):

164045

UNIPROT ID:

A2PYH4

Full Name:

HFM1, ATP-dependent DNA helicase homolog (*S. cerevisiae*)

Observed MW:

63-70 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

HFM1 (helicase for meiosis 1), also known as MER3, POF9, Si-11, SEC63D1, and Si-11-6, is a candidate gene of POI. HFM1 was reported to be mainly expressed in germline cells, which is required for crossover formation and complete synapsis of homologous chromosomes in spermiogenesis. HFM1, expressed specifically in germline tissues, is a typical ATP-dependent DNA helicase mediating meiosis (PMID: 39725823, 37020390).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

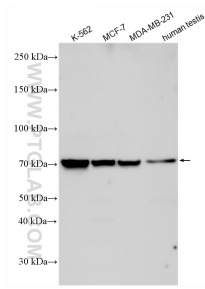
For technical support and original validation data for this product please contact:

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

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33841-1-AP (HFM1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33841-1-PBS in a different storage buffer formulation.