

For Research Use Only

# HFM1 Polyclonal antibody

Catalog Number: 33841-1-AP



## Basic Information

Catalog Number:

33841-1-AP

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

Recommended Dilutions:

WB: 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : K-562 cells, MCF-7 cells, MDA-MB-231 cells, human testis tissue

## 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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

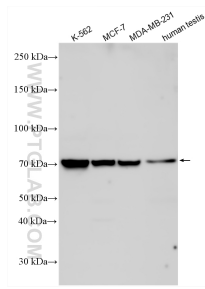
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## Selected Validation Data



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.