

For Research Use Only

# HFM1 Polyclonal antibody

Catalog Number: 33841-1-AP



## Basic Information

<b>Catalog Number:</b> 33841-1-AP	<b>GenBank Accession Number:</b> BC130525	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 320 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 164045	<b>Recommended Dilutions:</b> WB: 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> A2PYH4	
<b>Isotype:</b> IgG	<b>Full Name:</b> HFM1, ATP-dependent DNA helicase homolog (S. cerevisiae)	
<b>Immunogen Catalog Number:</b> AG40875	<b>Observed MW:</b> 63-70 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : K-562 cells, MCF-7 cells, MDA-MB-231 cells, human testis tissue
<b>Species Specificity:</b> 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 -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

\*\*\* 20ul sizes contain 0.1% BSA

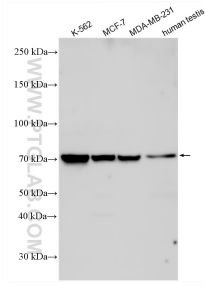
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## Selected Validation Data



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.