

For Research Use Only

GHITM Recombinant antibody

Catalog Number: 83548-3-RR



Basic Information

Catalog Number: 83548-3-RR	GenBank Accession Number: BC010354	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 27069	CloneNo.: 240541D3
Source: Rabbit	UNIPROT ID: Q9H3K2	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG	Full Name: growth hormone inducible transmembrane protein	
Immunogen Catalog Number: AG35170	Calculated MW: 345 aa, 37 kDa	
	Observed MW: 37 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HEK-293T cells, SH-SY5Y cells
Species Specificity: Human	

Background Information

GHITM, also known as MIC51, TMBIM5 or DERP2, is a mitochondrial protein that localizes in the inner membrane. GHITM is involved in mitochondrial morphology in specific cristae structures and the apoptotic release of cytochrome c from the mitochondria (PMID: 18417609). The gene of GHITM maps to chromosome 10q23.1, and encodes a 345-amino-acid protein with a calculated molecular mass of 37 kDa.

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:

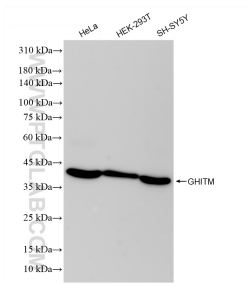
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83548-3-RR (GHITM antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.