

Rabbit anti-Human GHITM Polyclonal Antibody | anti-GHITM antibody

GHITM Antibody

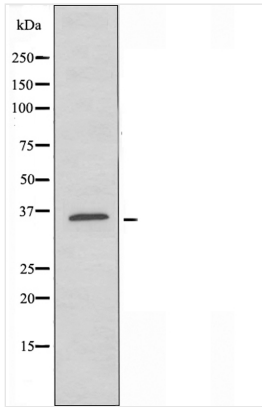
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324759	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

GHITM; Polyclonal Antibody; GHITM Antibody; Dermal papilla derived protein 2; Dermal papilla-derived protein 2; DERP2; Ghitm; GHITM_HUMAN; Growth hormone inducible transmembrane protein; Growth hormone-inducible transmembrane protein; HSPC282; MICS1; Mitochondrial morphology and cristae structure 1; My021; PTD010; TMBIM5; Transmembrane BAX inhibitor motif containing 5; Transmembrane BAX inhibitor motif containing protein 5; Transmembrane BAX inhibitor motif-containing protein 5; anti-GHITM antibody

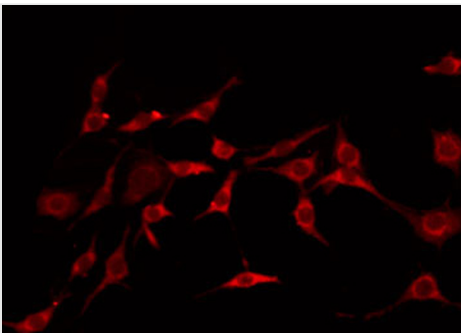
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	GHITM antibody detects endogenous levels of total GHITM
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	345
Applicable Applications for anti-GHITM antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Mitochondrion
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (91%), Sheep (100%), Rabbit (100%), Dog (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)

Western blot analysis of extracts from LOVO cells, using GHITM antibody.



IF (Immunofluorescence)

AAA324759 staining LOVO by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GHITM antibody	Function: Required for the mitochondrial tubular network and cristae organization. Involved in apoptotic release of cytochrome c. Similarity: Belongs to the BI1 family.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	118200356
NCBI GeneID	27069
NCBI Accession #	NP_055209.2
NCBI GenBank Nucleotide #	NM_014394.2
UniProt Accession #	Q9H3K2; O95894; Q5VT95; Q9H0P2; A8K9Z9; D3DWE0
Molecular Weight	Observed: 37 kD Predicted: 38 kDa
NCBI Official Full Name	growth hormone-inducible transmembrane protein
NCBI Official Synonym Full Names	growth hormone inducible transmembrane protein
NCBI Official Symbol	GHITM
NCBI Official Synonym Symbols	DERP2; MICS1; My021; PTD010; TMBIM5; HSPC282
NCBI Protein Information	growth hormone-inducible transmembrane protein
UniProt Protein Name	Growth hormone-inducible transmembrane protein
UniProt Gene Name	GHITM
UniProt Synonym Gene Names	DERP2; MICS1; TMBIM5; MICS1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.