Datasheet for ABIN571106

anti-GHITM antibody (AA 117-127)

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Overview

Quantity:	100 µg
Target:	GHITM
Binding Specificity:	AA 117-127
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GHITM antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	MICS1 / GHITM (aa117-127)
Immunogen:	Peptide with sequence C-PQYVKDRIHST, from the internal region of the protein sequence according to NP_055209.2.
Sequence:	PQYVKDRIHS T
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	GHITM
Alternative Name:	GHITM (GHITM Products)
Background:	GHITM, growth hormone inducible transmembrane protein, DERP2, DKFZp566C0746, FLJ26584, HSPC282, MICS1, My021, PTD010, TMBIM5, dermal papilla-derived protein 2, mitochondrial morphology and cristae structure 1, transmembrane BAX inhibitor motif containing
Gene ID:	27069, 290596
NCBI Accession:	NP_055209
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western Blot: Approx 38 kDa band observed in Human Brain (Cerebral Cortex and Cerebellum) lysates (calculated MW of 37.2 kDa according to NP_055209.2). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Western Blotting

Image 1. ABIN571106 (2µg/ml) staining of Human Cerebral Cortex lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.