



TID1 Mouse mAb

Catalog No	YP-mAb-19319
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	DNAJA3 HCA57 TID1
Immunogen	Synthesized peptide derived from human TID1
Specificity	This antibody detects endogenous levels of TID1 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HMT;MRT51;HNMT-S1;HNMT-S2;HNMT;Histamine N-methyltransferase (HMT) (EC 2.1.1.8);DNAJA3 HCA57 TID1;DnaJ homolog subfamily A member 3; mitochondrial (DnaJ protein Tid-1) (hTid-1) (Hepatocellular carcinoma-associated antigen 57) (Tumorous imaginal discs protein Tid56 homolog)
Observed Band	33kDa
Calculated Molecular Weight	33kDa
Cell Pathway	Mitochondrion matrix. Cytoplasm, cytosol . Cell junction, synapse, postsynaptic cell membrane ; Peripheral membrane protein . Recruited to the postsynaptic cell membrane of the neuromuscular junction through interaction with MUSK. .
Tissue Specificity	Widely expressed with highest levels in heart, liver, lung and skeletal muscles. Also expressed in keratinocytes.
Function	Modulates apoptotic signal transduction or effector structures within the mitochondrial matrix. Affect cytochrome C release from the mitochondria and caspase 3 activation, but not caspase 8 activation. Isoform 1 increases apoptosis triggered by both TNF and the DNA-damaging agent mytomyacin C; in sharp contrast, isoform 2 suppresses apoptosis. Can modulate IFN-gamma-mediated transcriptional activity. Isoform 2 may play a role in neuromuscular junction development as an effector of the MUSK signaling pathway.



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images