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TID1 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP16189a

Specification

TID1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q96EY1

TID1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 9093

Other Names
DnaJ homolog subfamily A member 3, mitochondrial, DnaJ protein Tid-1, hTid-1, Hepatocellular carcinoma-associated antigen 57, Tumorous imaginal discs protein Tid56 homolog, DNAJA3, HCA57, TID1

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TID1 Antibody (N-term) Blocking Peptide - Protein Information

Name DNAJA3

Synonyms HCA57, TID1

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 mytomycin 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.

Cellular Location
Mitochondrion matrix. Cytoplasm, cytosol. Postsynaptic cell membrane; Peripheral membrane protein. Note=Recruited to the postsynaptic cell membrane of the neuromuscular junction through interaction with MUSK

Tissue Location
Widely expressed with highest levels in heart, liver, lung and skeletal muscles. Also expressed in

keratinocytes

TID1 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

TID1 Antibody (N-term) Blocking Peptide - Images

TID1 Antibody (N-term) Blocking Peptide - Background

DNAJA3 belongs to the evolutionarily conserved DNAJ/HSP40family of proteins. For background information on the DNAJ family,see MIM 608375.

TID1 Antibody (N-term) Blocking Peptide - References

Qian, J., et al. Gastroenterology 138(4):1418-1428(2010)Kurzik-Dumke, U., et al. J Transl Med 8, 58 (2010) :Linnoila, J., et al. Neuron 60(4):625-641(2008)Kurzik-Dumke, U., et al. Int. J. Mol. Med. 21(1):19-31(2008)Kurzik-Dumke, U., et al. Cell. Signal. 19(9):1973-1985(2007)