

TID1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16189a**Specification**

TID1 Antibody (N-term) Blocking Peptide - Product InformationPrimary 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 (PubMed:9683573).

Also expressed in keratinocytes; expression level and distribution is altered in basal cell carcinomas (PubMed:12783860, PubMed:9683573)

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/HSP40 family 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)