

DNAJA3 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14750a**Specification**

DNAJA3 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q96EY1](#)**DNAJA3 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.

DNAJA3 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

DNAJA3 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

DNAJA3 Antibody (N-term) Blocking Peptide - Images

DNAJA3 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.

DNAJA3 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)