

DNAJA3 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14750a

Specification

DNAJA3 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O96EY1
Other Accession	O99M87 , NP_001128582.1 , NP_005138.3
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	52489
Antigen Region	105-134

DNAJA3 Antibody (N-term) - 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

Target/Specificity

This DNAJA3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 105-134 amino acids from the N-terminal region of human DNAJA3.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DNAJA3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

DNAJA3 Antibody (N-term) - 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

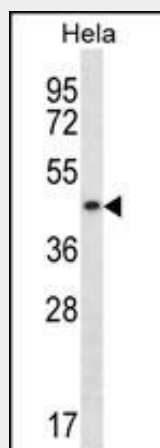
Tissue Location

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

DNAJA3 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DNAJA3 Antibody (N-term) - Images

DNAJA3 Antibody (N-term) (Cat. #AP14750a) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the DNAJA3 antibody detected the DNAJA3 protein (arrow).

DNAJA3 Antibody (N-term) - 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) - 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)
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