

Datasheet for ABIN7150498
anti-DNAJA3 antibody (AA 86-184)[Go to Product page](#)

5 Images

Overview

Quantity:	100 µL
Target:	DNAJA3
Binding Specificity:	AA 86-184
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAJA3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant Human DnaJ homolog subfamily A member 3, mitochondrial protein (86-184AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DNAJA3
Alternative Name:	DNAJA3 (DNAJA3 Products)
Background:	Background: Modulates apoptotic signal transduction or effector structures within the

Target Details

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.

Aliases: DNAJA3 antibody, HCA57 antibody, TID1DnaJ homolog subfamily A member 3 antibody, mitochondrial antibody, DnaJ protein Tid-1 antibody, hTid-1 antibody, Hepatocellular carcinoma-associated antigen 57 antibody, Tumorous imaginal discs protein Tid56 homolog antibody

UniProt: [Q96EY1](#)

Pathways: [Synaptic Membrane](#), [Skeletal Muscle Fiber Development](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:200-1:500, IF:1:50-1:200, IP:1:200-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

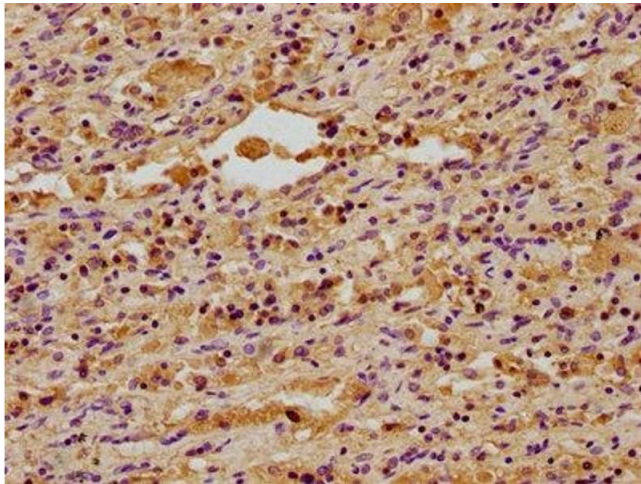
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

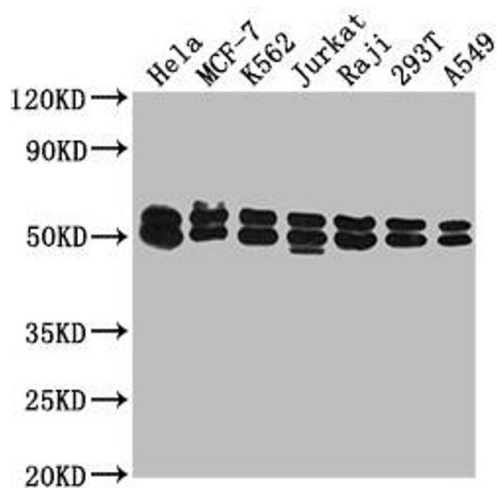
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



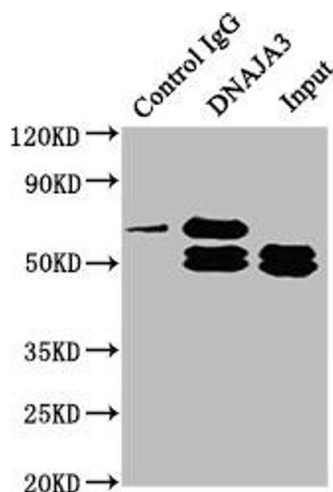
Immunohistochemistry

Image 1. IHC image of ABIN7150498 diluted at 1:400 and staining in paraffin-embedded human lung cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: HeLa whole cell lysate, MCF-7 whole cell lysate, K562 whole cell lysate, Jurkat whole cell lysate, Raji whole cell lysate, 293T whole cell lysate, A549 whole cell lysate. All lanes: DNAJA3 antibody at 1:2000. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 53, 50, 34 kDa. Observed band size: 53 kDa.



Western Blotting

Image 3. Immunoprecipitating DNAJA3 in HeLa whole cell lysate. Lane 1: Rabbit control IgG instead of ABIN7150498 in HeLa whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/50000). Lane 2: ABIN7150498 (5 µg) + HeLa whole cell lysate (0.5 mg). Lane 3: HeLa whole cell lysate (20 µg).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7150498.