

Datasheet for ABIN7247618

anti-DNAJA4 antibody

3 Images

[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	DNAJA4
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAJA4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of human DNAJA4
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	DNAJA4
Alternative Name:	DNAJA4 (DNAJA4 Products)
Background:	The DnaJ family is one of the largest of all the chaperone families and has evolved with diverse cellular localization and functions. The presence of the J domain defines a protein as a member of the DnaJ family. DnaJ heat shock induced proteins are from the bacterium Escherichia coli and are under the control of the htpR regulatory protein. The DnaJ proteins play a critical role in

Target Details

the HSP 70 chaperone machine by interacting with HSP 70 to stimulate ATP hydrolysis. The proteins contain cysteine rich regions that are composed of zinc fingers that form a peptide binding domain responsible for the chaperone function. DnaJ proteins are important mediators of proteolysis and are involved in the regulation of protein degradation, exocytosis and endocytosis. DnaJA4 (DnaJ homolog subfamily A member 4) is a SREBP-regulated chaperone that is thought to regulate the cholesterol biosynthesis pathway.

Molecular Weight:	Observed_MW: Refer to figures Calculated_MW: 45 kDa
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UniProt:	Q8WW22
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Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA 1:5000-1:10000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	0.96 mg/mL
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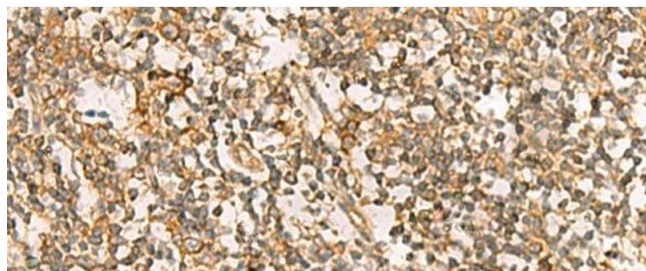
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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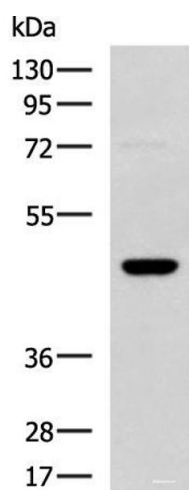
Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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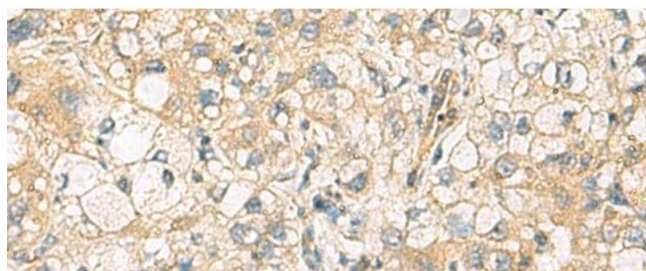
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human tonsil tissue using DNAJA4 Polyclonal Antibody at dilution of 1:55(x200)



Western Blotting

Image 2. Western blot analysis of TM4 cell lysate using DNAJA4 Polyclonal Antibody at dilution of 1:800



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using DNAJA4 Polyclonal Antibody at dilution of 1:55(x200)