

Product datasheet for TA370787S

Primary Antibodies

WB positive control: TM4 cell lysate

Positive control: Human liver cancer Predicted cell location: Cytoplasm

Fusion protein of human DNAJA4

Antigen affinity purification

Entrez Gene 55466 Human

pH7.4 PBS, 0.05% NaN3, 40% Glycerol

DnaJ heat shock protein family (Hsp40) member A4

IHC, WB

IHC: 50-200

Human, Mouse

Rabbit

Polyclonal

Unconjugated Store at -20°C.

1 year

45 kDa

Q8WW22

lgG

DNAJA4 Rabbit Polyclonal Antibody

Recommended Dilution: WB: 500-2000

Product data:

Product Type:

Applications:

Reactivity:

Host:

Isotype:

Clonality:

Immunogen:

Formulation:

Purification:

Conjugation:

Gene Name: Database Link:

Predicted Protein Size:

Storage: Stability: OriGene Technologies, Inc.

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DNAJA4 Rabbit Polyclonal Antibody – TA370787S

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 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.

Synonyms: MST104; MSTP104; PRO1472

Product images:



Gel: 8%SDS-PAGE Lysate: 40 µg Lane: TM4 cell lysate Primary antibody: [TA370787] (DNAJA4 Antibody) at dilution 1/800 Secondary antibody: Goat anti rabbit lgG at 1/5000 dilution Exposure time: 20 seconds



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA370787] (DNAJA4 Antibody) at dilution 1/55 (Original magnification: ×200)

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Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA370787] (DNAJA4 Antibody) at dilution 1/55, treated with fusion protein. (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA370787] (DNAJA4 Antibody) at dilution 1/55 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA370787] (DNAJA4 Antibody) at dilution 1/55, treated with fusion protein. (Original magnification: ×200)

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