

Datasheet for ABIN2781864  
**anti-DNAJB12 antibody (Middle Region)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µL
Target:	DNAJB12
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse, Dog, Zebrafish (Danio rerio), Goat, Guinea Pig, Cow, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAJB12 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human DNAJB12
Sequence:	ILILILVSAL SQLMVSSPPY SLSRPSVGH IHRRVTDHLG VVYVGDTFSS
Predicted Reactivity:	Cow: 93%, Dog: 100%, Goat: 86%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against DNAJB12. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

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## Target Details

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Alternative Name:	DNAJB12 ( <a href="#">DNAJB12 Products</a> )
Background:	DNAJB12 belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct domains: a conserved 70-amino acid J domain, usually at the Alias Symbols: DJ10, DKFZp586B2023 Protein Interaction Partner: UBC, BAG4, SGTA, HSPA8, KLHL29, EGFR, MYC, DSTN, MME, Protein Size: 375
Molecular Weight:	42 kDa
Gene ID:	54788
NCBI Accession:	<a href="#">NM_001002762</a> , <a href="#">NP_001002762</a>
UniProt:	<a href="#">Q9NXW2</a>

## Application Details

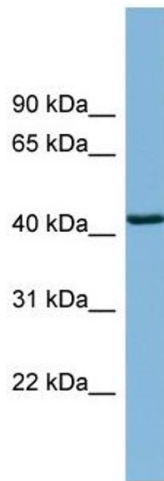
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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 375 AA
Restrictions:	For Research Use only

## Handling

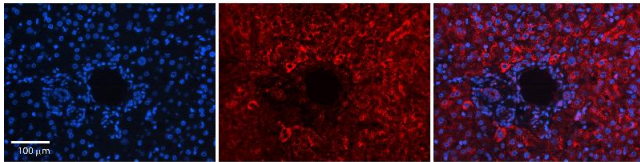
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Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



### Western Blotting

**Image 1.** WB Suggested Anti-DNAJB12 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Human Spleen



### Immunohistochemistry

**Image 2.** Rabbit Anti-DNAJB12 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue Observed Staining: Cytoplasm in hepatocytes Primary Antibody Concentration: 1:100 Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec