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Datasheet for ABIN1398180

**anti-DNAJC7 antibody (AA 221-320) (Alexa Fluor 647)**

## Overview

Quantity:	100 µL
Target:	DNAJC7
Binding Specificity:	AA 221-320
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAJC7 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DNAJC7
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	DNAJC7
Alternative Name:	DNAJC7 ( <a href="#">DNAJC7 Products</a> )

## Target Details

Background:	<p>Synonyms: DnaJ homolog subfamily C member 7, Tetratricopeptide repeat protein 2, TPR repeat protein 2, TPR2, TTC2, DNJC7_HUMAN.</p> <p>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 in-volved in the regulation of protein degradation, exocytosis and endocytosis. DnaJC7 (DnaJ homolog subfamily C member 7), also known as TPR2, TTC2 or DANJC7, is ubiquitously expressed, with highest expression in testis, liver, heart and brain.</p>
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Gene ID:	7266
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UniProt:	<a href="#">Q99615</a>
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## Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

## Handling

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Expiry Date: 12 months