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## Datasheet for ABIN1714145 **anti-DNAJA2 antibody (AA 151-250)**

### Overview

Quantity:	100 µL
Target:	DNAJA2
Binding Specificity:	AA 151-250
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAJA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DNAJA2/CPR3
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit,Monkey
Purification:	Purified by Protein A.

### Target Details

Target:	DNAJA2
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## Target Details

Alternative Name:	DNAJA2/CPR3 ( <a href="#">DNAJA2 Products</a> )
Background:	<p>Synonyms: Cell cycle progression 3 protein, Cell cycle progression restoration gene 3 protein, CPR 3, CPR3, Dj3, DJA 2, DJA2, DnaJ Hsp40 homolog subfamily A member 2, DNAJ, DnaJ homolog subfamily A member 2, DNAJA 2, Dnaja2, DNJ 3, Dnj3, DNJA2_HUMAN, HIRA interacting protein 4, HIRA-interacting protein 4, HIRIP 4, HIRIP4, OTTHUMP00000164136, PRO3015, RDJ 2, RDJ2, Renal carcinoma antigen NY REN 14, Renal carcinoma antigen NY-REN-14.</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 involved in the regulation of protein degradation, exocytosis and endocytosis. DnaJA2 (DnaJ homolog subfamily A member 2), also known as HIRA-interacting protein 4 or cell cycle progression restoration gene 3 protein, contains one CR-type zinc finger and is a co-chaperone of HSC 70.</p>
Gene ID:	10294

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
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## Handling

Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months