Datasheet for ABIN1697019

anti-DNAJA2 antibody (AA 151-250) (Alexa Fluor 555)

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Overview

Quantity:	100 µL
Target:	DNAJA2
Binding Specificity:	AA 151-250
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAJA2 antibody is conjugated to Alexa Fluor 555
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 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
Alternative Name:	DNAJA2/CPR3 (DNAJA2 Products)

Target Details

Background:	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. 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.
Gene ID:	10294

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.

Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

