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## anti-DNAJC7 antibody (AA 221-320) (AbBy Fluor® 647)



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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 AbBy 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 (DNAJC7 Products)

### **Target Details**

Background:	Synonyms: DnaJ homolog subfamily C member 7, Tetratricopeptide repeat protein 2, TPR		
	repeat protein 2, TPR2, TTC2, DNJC7_HUMAN.		
	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,		
	exocytsis 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.		
Gene ID:	7266		
UniProt:	Q99615		
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.		

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Expiry Date:

12 months