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DNAJC7 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15243

Product Information

Application	WB
Primary Accession	Q99615
Other Accession	NM_003315, NP_003306
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56441

Additional Information

Gene ID	7266
Alias Symbol	DJ11, DJC7, TPR2, TTC2
Other Names	DnaJ homolog subfamily C member 7, Tetratricopeptide repeat protein 2, TPR repeat protein 2, DNAJC7, TPR2, TTC2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-DNAJC7 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	DNAJC7 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

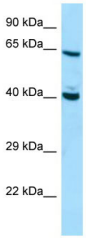
Name	DNAJC7
Synonyms	TPR2, TTC2
Function	Acts as a co-chaperone regulating the molecular chaperones HSP70 and HSP90 in folding of steroid receptors, such as the glucocorticoid receptor and the progesterone receptor. Proposed to act as a recycling chaperone by facilitating the return of chaperone substrates to early stages of chaperoning if further folding is required. In vitro, induces ATP-independent dissociation of HSP90 but not of HSP70 from the chaperone-substrate complexes. Recruits NR1I3 to the cytoplasm (By similarity).

Cellular Location	Cytoplasm. Nucleus Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q9QYI3} Note=Colocalizes with NR1I3 to microtubules {ECO:0000250|UniProtKB:Q9QYI3}

References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Zody M.C.,et al.Nature 440:1045-1049(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Bienvenut W.V.,et al.Submitted (MAR-2009) to UniProtKB.

Images



WB Suggested Anti-DNAJC7 Antibody Titration: 1.0 µg/ml
Positive Control: HepG2 Whole Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.