

## Product datasheet for **TA349145**

### DNAJC13 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	DNAJC13 antibody can be used for detection of DNAJC13 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. Antibody validated: Western Blot in mouse samples and Immunohistochemistry in human samples. All other applications and species not yet tested.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	DNAJC13 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human DNAJC13.
Specificity:	DNAJC13 antibody is human and mouse reactive. At least two siforms of DNAJC13 are known to exist; this antibody will detect both isoforms. DNAJC13 antibody is predicted to not cross-react with other DNAJC family members.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	DNAJC13 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 249 kDa; Observed: 249 kDa
Gene Name:	Dnaj heat shock protein family (Hsp40) member C13
Database Link:	<a href="#">NP_056083</a> <a href="#">Entrez Gene 235567 Mouse</a> <a href="#">Entrez Gene 23317 Human</a> <a href="#">O75165</a>



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<b>Background:</b>	DNAJC13, also known as receptor-mediated endocytosis 8 (RME8), is the human homolog to a DnaJ domain-containing protein originally identified in a screen for endocytic defects in <i>C. elegans</i> (1). It is thought to be a co-chaperone of Hsc70 which regulates protein conformation at membrane sites and plays a role in intracellular trafficking, co-localizing with markers of the endosomal system. Recent experiments have indicated that the DNAJC13 protein is involved in membrane trafficking through early endosomes but not through degradative organelles (2). DNAJC13 has been also been shown to regulate the intracellular trafficking of the epidermal growth factor receptor (3).
<b>Synonyms:</b>	PARK21; RME8
<b>Protein Families:</b>	Druggable Genome