

## Anti-DNAJC13 Antibody

Catalog Number: A06236

### About DNAJC13

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 *C. elegans* (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).

### Overview

Product Name	Anti-DNAJC13 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-DNAJC13 Antibody (Catalog # A06236). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	DNAJC13 antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	DNAJC13 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	O75165

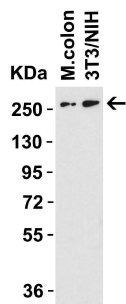
### Technical Details

Immunogen	DNAJC13 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human DNAJC13. The immunogen is located within amino acids 1940 - 1990 of DNAJC13.
Predicted Reactive Species	Bovine
Cross Reactivity	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.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	DNAJC13 antibody is affinity chromatography purified via peptide column.

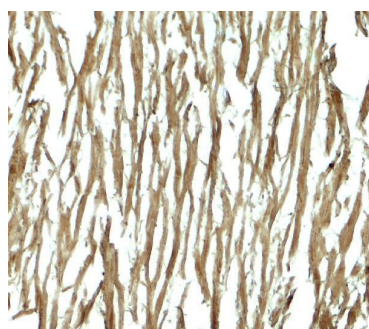
Suggested Dilutions

DNAJC13 antibody can be used for detection of DNAJC13 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL.  
Antibody validated: Western Blot in mouse samples and Immunohistochemistry in human samples.  
All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

## Anti-DNAJC13 Antibody (A06236) Images



WB Validation of DNAJC13 with Mouse Samples Loading: 15 ug of lysate per lane. Detection Antibodies: DNAJC13, A06236, 1 ug/mL, 1 h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10,000 dilution, incubated at RT for 1 hr.



Immunohistochemistry of DNAJC13 in human heart tissue with DNAJC13 antibody at 5 ug/mL.

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### Anti-DNAJC13 Antibody

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