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Datasheet for ABIN5689948
anti-DNAJC13 antibody (AA 1940-1990)

Overview

Quantity:	0.1 mg
Target:	DNAJC13
Binding Specificity:	AA 1940-1990
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product 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.
Isotype:	IgG
Specificity:	DNAJC13 antibody is human and mouse reactive. At least two isoforms 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.
Purification:	DNAJC13 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	DNAJC13
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Target Details

Alternative Name:	DNAJC13 (DNAJC13 Products)
Background:	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).
Molecular Weight:	Predicted: 249 kDa Observed: 249 kDa
Gene ID:	23317
NCBI Accession:	NP_056083
UniProt:	O75165

Application Details

Application Notes:	DNAJC13 antibody can be used for detection of DNAJC13 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	DNAJC13 antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	DNAJC13 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.