



DNAJC10 Mouse mAb

Catalog No	YP-mAb-19312
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	DNAJC10 ERDJ5 UNQ495/PRO1012
Immunogen	Synthesized peptide derived from human DNAJC10
Specificity	This antibody detects endogenous levels of DNAJC10 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	UNR;D1S155E;E1;CSDE1 D1S155E KIAA0885 NRU UNR;Cold shock domain-containing protein E1 (N-ras upstream gene protein) (Protein UNR);DNAJC10 ERDJ5 UNQ495/PRO1012;DnaJ homolog subfamily C member 10 (ER-resident protein ERdj5) (Macrothioredoxin) (MTHr)
Observed Band	89kDa
Calculated Molecular Weight	89kDa
Cell Pathway	Endoplasmic reticulum lumen .
Tissue Specificity	
Function	Endoplasmic reticulum disulfide reductase involved both in the correct folding of proteins and degradation of misfolded proteins. Required for efficient folding of proteins in the endoplasmic reticulum by catalyzing the removal of non-native disulfide bonds formed during the folding of proteins, such as LDLR. Also involved in endoplasmic reticulum-associated degradation (ERAD) by reducing incorrect disulfide bonds in misfolded glycoproteins recognized by EDEM1. Interaction with HSPA5 is required its activity, not for the disulfide reductase activity, but to facilitate the release of DNAJC10 from its substrate. Promotes apoptotic signaling pathway in response to endoplasmic reticulum stress.



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images