
Product Name: DNAJB6 Rabbit Monoclonal Antibody**Catalog #: AMRe85513**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 36 kDa; Observed MW: 36 kDa

Antigen Information

Gene Name	DNAJB6
Alternative Names	DJ4; MRJ; DnaJ; HSJ2; HHDJ1; HSJ-2; MSJ-1; LGMD1D; LGMD1E
Gene ID	10049.0
SwissProt ID	O75190
Immunogen	Recombinant protein of human DNAJB6

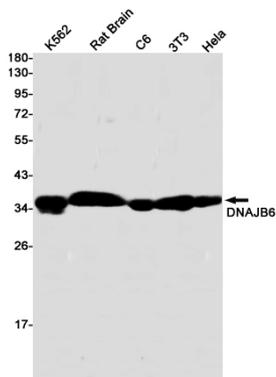
Background

Plays an indispensable role in the organization of KRT8/KRT18 filaments. Acts as an endogenous molecular chaperone for neuronal proteins including huntingtin. Suppresses aggregation and toxicity of polyglutamine-containing, aggregation-prone proteins. Isoform B but not isoform A inhibits huntingtin aggregation. Has a stimulatory effect on the ATPase activity of HSP70

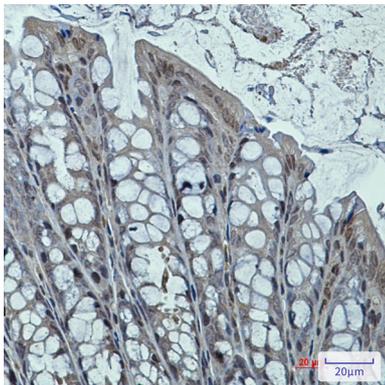
in a dose-dependent and time-dependent manner and hence acts as a co-chaperone of HSP70. Also reduces cellular toxicity and caspase-3 activity.

Research Area

Image Data



Western blot analysis of DNAJB6 in K562, rat Brain, C6, 3T3, HeLa lysates using DNAJB6 antibody.



Immunohistochemistry analysis of paraffin-embedded mouse colon using DNAJB6 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.