

Product Name: DNAJB6 Rabbit Monoclonal Antibody
Catalog #: AMRe01918



Summary

Production Name	DNAJB6 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purification

Immunogen

Gene Name	DNAJB6
Alternative Names	DJ4; MRJ; DnaJ; HSJ2; HHDJ1; HSJ-2; MSJ-1; LGMD1D; LGMD1E
Gene ID	10049
SwissProt ID	O75190.

Application

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

Background

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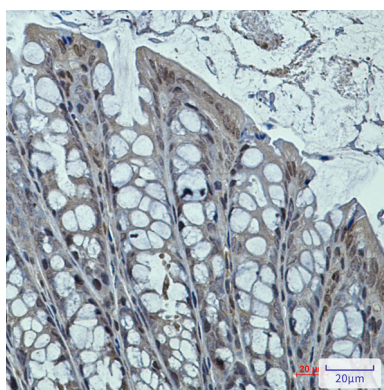


Plays an indispensable role in the organization of KRT8/KRT18 filaments. Acts as an endogenous molecular chaperone for neuronal proteins including huntingtin. Suppresses aggregation and toxicity of polyglutamine-containing, aggregation-prone proteins. Isoform B but not isoform A inhibits huntingtin aggregation.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

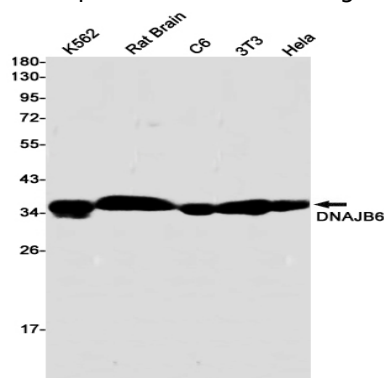
Research Area

Neuroscience

Image Data



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



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

Note

For research use only.