
Product Name: DNAJB6 Rabbit Monoclonal Antibody**Catalog #: AMRe01918**

For research use only.

Summary

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|----------------------|--|
| 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 | 0.64mg/ml. The concentration of this product may be batch-dependent. |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| 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 |
| SwissProt ID | O75190 |
| Immunogen | Recombinant protein of human DNAJB6 |

Background

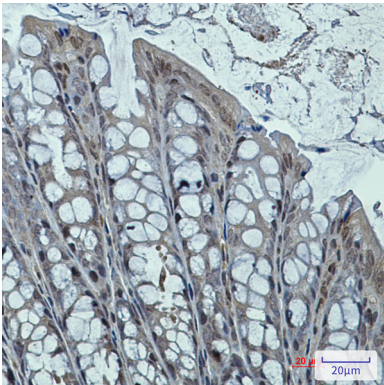
Plays an indispensable role in the organization of KRT8/KRT18 filaments. Acts as an endogenous molecular chaperone for neuronal proteins including huntingtin. Suppresses aggregation and toxicity of polyglutamine-containing, aggregation-prone

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.

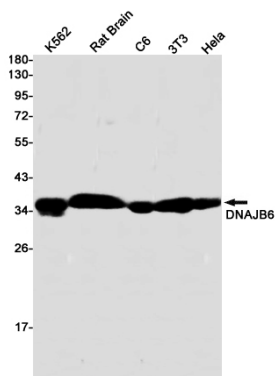
Research Area

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.