

A Reliable Research Partner in Life Science and Medicine

# **Recombinant DNAJC6 Monoclonal Antibody**

catalog number: AN302054L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### **Description**

Reactivity Human;Rat;Mouse

Immunogen Peptide. This information is proprietary to PTMab.

Host Rabbit Isotype lgG, κ Clone A774

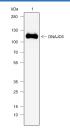
**Purification** Protein Apurified

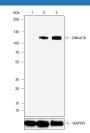
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

#### **Applications Recommended Dilution**

1:1000 **WB** 1:200-1:400 IHC

#### Data



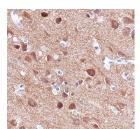


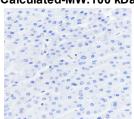
Western Blot with DNAJC6 Monoclonal Antibody at dilution Western Blot with DNAJC6 Monoclonal Antibody at dilution

of 1:1000. Lane 1: K562 Observed-MW:115 kDa Calculated-MW:100 kDa of 1:1000. Lane 1: Mouse liver(negative control), Lane 2:

Mouse brain, Lane 3: Rat brain

Observed-MW:115 kDa Calculated-MW:100 kDa

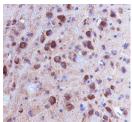




Immunohistochemistry of paraffin-embedded Human cerebrum using DNAJC6 Monoclonal Antibody at dilution of

1:400

Immunohistochemistry of paraffin-embedded Human liver (negative tissue) using DNAJC6 Monoclonal Antibody at dilution of 1:400.



Immunohistochemistry of paraffin-embedded Mouse cerebrum using DNAJC6 Monoclonal Antibody at dilution of 1:400.

Immunohistochemistry of paraffin-embedded Rat cerebrum using DNAJC6 Monoclonal Antibody at dilution of 1:400.

## For Research Use Only

Toll-free: 1-888-852-8623 Fax: 1-832-243-6017 Tel: 1-832-243-6086 Web: www.elabscience.com Email: techsupport@elabscience.com



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## **Preparation & Storage**

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

## **Background**

DNAJC6, also named AUXILIN, belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. It is a neuronal protein that functions specifically in the pathway of clathrin-mediated endocytosis. It shares homology with GAK, and the two proteins act as cochaperones to support the HSC70 -dependent clathrin uncoating of clathrin-coated vesicles (PMID: 2016009). DNAJC6 is expressed in various brain regions, including cerebellum, corpus callosum, cortex, striatum, brainstem, pons, putamen, spinal cord and substantia nigra.

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