Recombinant DNAJC6 Monoclonal Antibody

catalog number: **AN302054L**

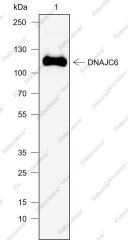
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Peptide. This information is proprietary to PTMab.
Host	Rabbit
Isotype	Rabbit IgG
Clone	C121675
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000
IHC	1:200-1:400

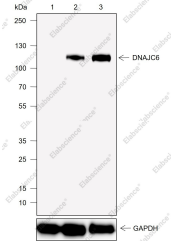
Data



Western Blot with DNAJC6 Monoclonal Antibody at dilution of 1:1000. Lane 1: K562

Observed-MW:115 kDa

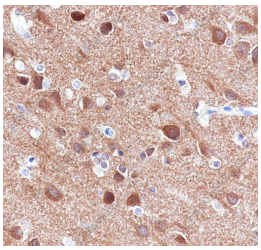
Calculated-MW:100 kDa



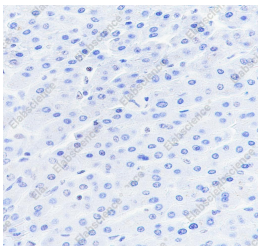
Western Blot with DNAJC6 Monoclonal Antibody at dilution of 1:1000. Lane 1: Mouse liver(negative control), Lane 2: Mouse brain, Lane 3: Rat brain

Observed-MW:115 kDa

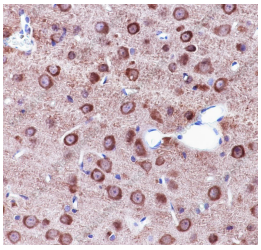
Calculated-MW:100 kDa

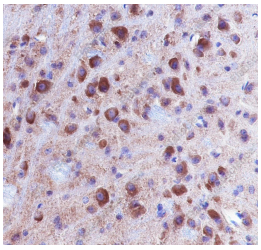


Immunohistochemistry of paraffin-embedded Human cerebrum using DNAJC6 Monoclonal Antibody at dilution of 1:400.



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.

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.