

GABARAPL2 Polyclonal Antibody

Catalog No. E-AB-62383

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

Description

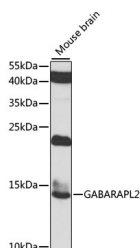
Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human GABARAPL2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Applications

Recommended Dilution

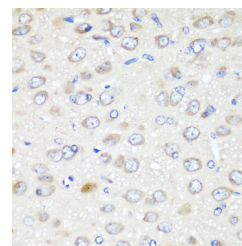
WB	1:500-1:2000
IHC	1:50-1:200

Data

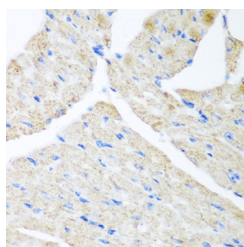


Western blot analysis of extracts of mouse brain using GABARAPL2 Polyclonal Antibody at 1:1000 dilution.

Observed Mw:14kDa
Calculated Mw:13kDa



Immunohistochemistry of paraffin-embedded rat brain using GABARAPL2 Polyclonal Antibody at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded mouse heart using GABARAPL2 Polyclonal antibody at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

For Research Use Only

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Ubiquitin-like modifier involved in intra-Golgi traffic (By similarity. Modulates intra-Golgi transport through coupling between NSF activity and SNAREs activation (By similarity. It first stimulates the ATPase activity of NSF which in turn stimulates the association with GOSR1 (By similarity. Involved in autophagy. Plays a role in mitophagy which contributes to regulate mitochondrial quantity and quality by eliminating the mitochondria to a basal level to fulfill cellular energy requirements and preventing excess ROS production. Whereas LC3s are involved in elongation of the phagophore membrane, the GABARAP/GATE-16 subfamily is essential for a later stage in autophagosome maturation.

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