

GABARAPL2 Rabbit Polyclonal Antibody

Catalog No: #55327

Package Size: #55327-1 50ul #55327-2 100ul

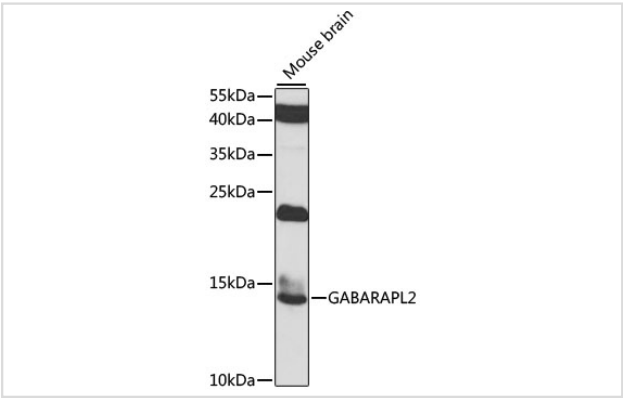
Description

Product Name	GABARAPL2 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human GABARAPL2 (NP_009216.1).
Conjugates	Unconjugated
Other Names	GABARAPL2;ATG8;ATG8C;GATE-16;GATE16;GEF-2;GEF2
Accession No.	Uniprot:P60520GenelD:11345
Calculated MW	13kDa
SDS-PAGE MW	14kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

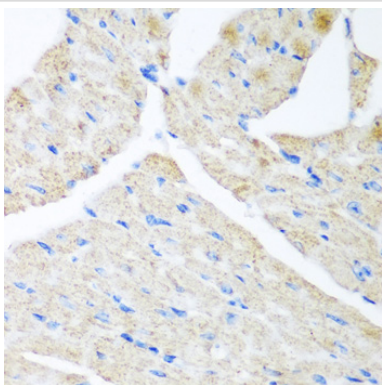
Application Details

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

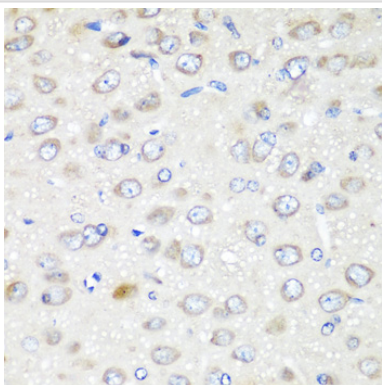
Images



Western blot analysis of extracts of mouse brain, using GABARAPL2 antibody.



Immunohistochemistry of paraffin-embedded mouse heart using GABARAPL2 antibody.



Immunohistochemistry of paraffin-embedded rat brain using GABARAPL2 antibody.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.