

GABARAPL1 Rabbit mAb

Catalog NO.: A23781 **Recombinant** **1 Publications**

Basic Information

Observed MW

16-18kDa

Calculated MW

14kDa/17kDa

Category

Monoclonal Antibodies

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Clone number

ARC61739

Background

Enables Tat protein binding activity and ubiquitin protein ligase binding activity. Predicted to be involved in autophagosome assembly; autophagy of mitochondrion; and cellular response to nitrogen starvation. Located in autophagosome. Colocalizes with mitochondrion.

Recommended Dilutions

WB 1:1000 - 1:2000

IHC-P 1:100 - 1:500

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID	Swiss Prot
23710	Q9H0R8

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

GABARAPL1; APG8-LIKE; APG8L; ATG8; ATG8B; ATG8L; GEC1; GABA type A receptor associated protein like 1

Contact

Product Information

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☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

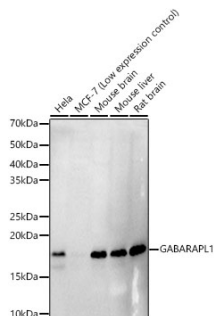
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates, using GABARAPL1 Rabbit mAb (A23781) at 1:2000 dilution.

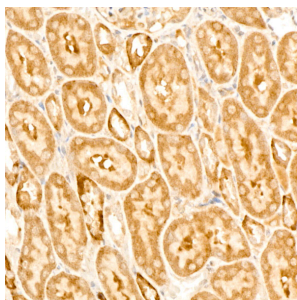
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

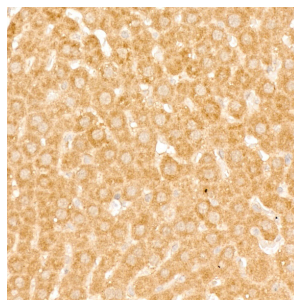
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using GABARAPL1 Rabbit mAb (A23781) at dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat liver using GABARAPL1 Rabbit mAb (A23781) at dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

