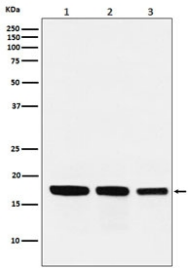
GABARAP Antibody [clone ACHE-7] (RQ4803)

Catalog No.	Formulation	Size
RQ4803	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	ACHE-7
Purity	Affinity purified
UniProt	O95166
Applications	Western blot: 1:500-1:2000
Limitations	This GABARAP antibody is available for research use only.



Western blot testing of 1) human HepG2, 2) mouse kidney and 3) rat heart lysate with GABARAP antibody. Predicted molecular weight: 14-16 kDa.

Description

GABARAP is cleaved at its carboxyl terminus, which leads to conjugation by either of the phospholipids phosphatidylethanolamine or phosphatidylserine. This processing converts GABARAP from a type I to a type II membrane bound form involved in autophagosome biogenesis. Processing of GABARAP involves cleavage by Atg4 family members followed by conjugation by the E1 and E2 like enzymes Atg7 and Atg3.

Application Notes

Optimal dilution of the GABARAP antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human GABARAP was used as the immunogen for the GABARAP antibody.

Storage

Store the GABARAP antibody at -20oC.

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