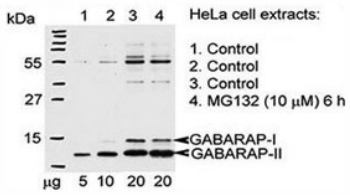
GABARAP Antibody (F46304)

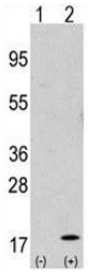
Catalog No.	Formulation	Size
F46304-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F46304-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

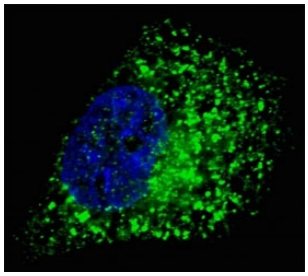
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat, Bovine, Rabbit
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	O95166
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Immunofluorescence : 1:10-1:50
Limitations	This GABARAP antibody is available for research use only.



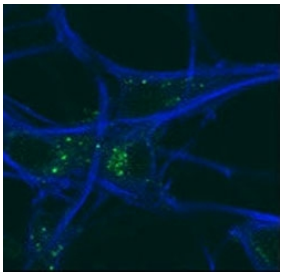
Western blot testing of GABARAP antibody and Hela cells treated with 26S proteasome complex blocker MG132.



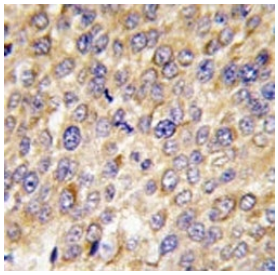
Western blot analysis of GABARAP antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the GABARAP gene (2).



Fluorescent image of Chloroquine treated U251 cells stained with GABARAP antibody. Alexa Fluor 488 secondary (green) was used. Nuclei were counterstained with Hoechst 33342 (blue) (10 ug/ml, 5 min). GABARAP immunoreactivity is localized to autophagic vacuoles in the cytoplasm.



GABARAP antibody testing of mouse MEFs and mouse motor neurons. Antibodies used were GABARAP antibody (AF488 conjugated) and anti-Tuj1 (AF647 conjugated).



IHC analysis of FFPE human hepatocarcinoma tissue stained with GABARAP antibody

Description

Gamma-aminobutyric acid A receptors [GABA(A) receptors] are ligand-gated chloride channels that mediate inhibitory neurotransmission. GABARAP is GABA(A) receptor-associated protein, which is highly positively charged in its N-terminus and shares sequence similarity with light chain-3 of microtubule-associated proteins 1A and 1B. This protein clusters neurotransmitter receptors by mediating interaction with the cytoskeleton.

Application Notes

Titration of the GABARAP antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1-30 from the human protein was used as the immunogen for this GABARAP antibody.

Storage

Aliquot the GABARAP antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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