Product Datasheet

GABARAP Rabbit mAb

Catalog No: #49642

Package Size: #49642-1 50ul #49642-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

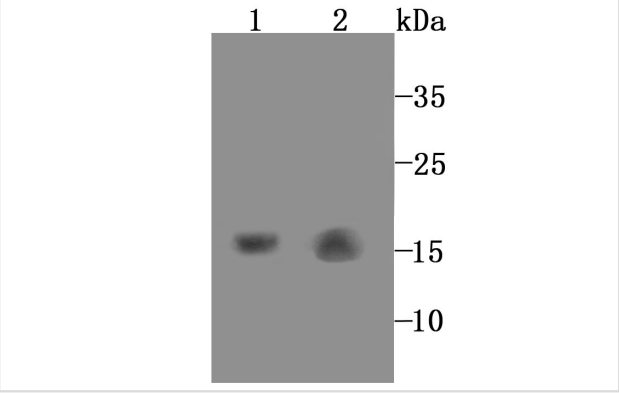
Description

Product Name	GABARAP Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JM30-30
Purification	ProA affinity purified
Applications	WB, IHC, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Other Names	ATG8A antibody FLC 3B antibody FLC3B antibody FLJ25768 antibody GABA type A receptor associated protein antibody GABA(A) receptor associated protein antibody GABA(A) receptor-associated protein antibody GABARAP a antibody GABARAP antibody Gamma aminobutyric acid receptor associated protein antibody Gamma-aminobutyric acid receptor-associated protein antibody GBRAP_HUMAN antibody MGC120154 antibody MGC120155 antibody MM 46 antibody MM46 antibody
Accession No.	Swiss-Prot#:O95166
Uniprot	O95166
GeneID	11337;
Calculated MW	14 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

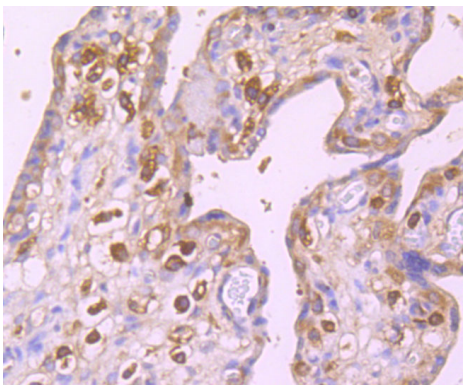
Application Details

WB: 1:500 IHC: 1:50-1:200FC: 1:50-1:100

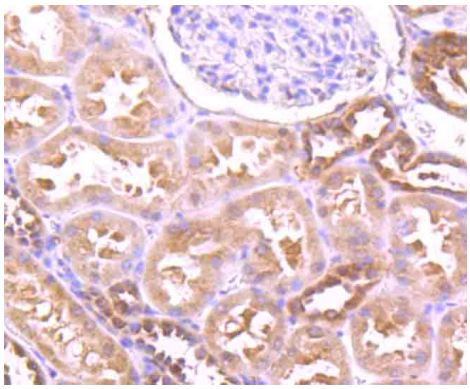
Images



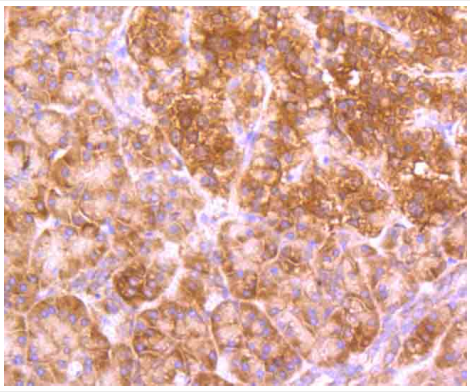
Western blot analysis of GABARAP on mouse kidney (1) and rat liver (2) tissue lysate using anti-GABARAP antibody at 1/1,000 dilution.



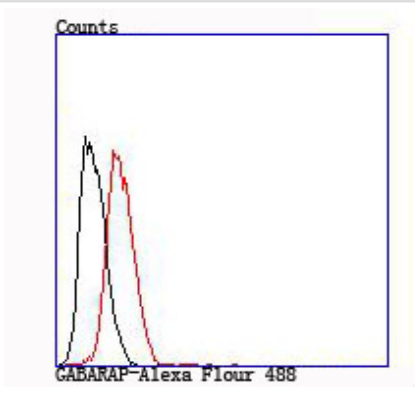
Immunohistochemical analysis of paraffin-embedded human placenta tissue using anti-GABARAP antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-GABARAP antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-GABARAP antibody. Counter stained with hematoxylin.



Flow cytometric analysis of Hela cells with GABARAP antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).

Background

In the central nervous system GABA functions as the main inhibitory transmitter by increasing a Cl-conductance that inhibits neuronal firing. GABA has been shown to activate both ionotropic (GABAA) and metabotropic (GABAB) receptors as well as a third class of receptors called GABAC. In addition to GABA receptors, several proteins have been identified as regulators of GABA function, including GAD65, GAD67, GABA transporters and GABARAP (GABAA receptor-associated protein). GABARAP associates with GABAA Rg2 to link GABAA receptors to the cytoskeleton. The GABARAP protein sequence is similar to light chain-3 of microtubule-associated proteins (MAPs) suggesting that it may be a type of MAP or a component of a MAP complex.

References

Note: This product is for in vitro research use only