



GABARAP+GABARAPL1/2 Rabbit mAb

Catalog No	YP-rAb-16969
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Gene Name	GABARAP GABARAPL1 GABARAPL2
Protein Name	Gamma-aminobutyric acid receptor-associated protein;Gamma-aminobutyric acid receptor-associated protein-like 1;Gamma-aminobutyric acid receptor-associated protein-like 2
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:1000-1:4000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	FLC3B,HT004,GEC1,FLC3A,GEF2,GABA(A) receptor-associated protein,GABA(A) receptor-associated protein-like 1,GABA(A) receptor-associated protein-like 2,
Observed Band	18kD
Calculated Molecular Weight	14kD
Cell Pathway	Cytoplasmic vesicle, autophagosome . Cytoplasmic vesicle membrane ; Lipid-anchor . Cytoplasm, cytoskeleton . Endoplasmic reticulum . Golgi apparatus .
Tissue Specificity	Heart, brain, placenta, liver, skeletal muscle, kidney and pancreas.
Function	May play a role in intracellular transport of GABA(A) receptors and its interaction with the cytoskeleton.,similarity:Belongs to the MAP1 LC3 family.,subcellular location:Largely associated with intracellular membrane structures including the Golgi apparatus and post-synaptic cisternae. Colocalizes with microtubules.,subunit:Interacts with GPHN and NSF (By similarity). Interacts with GABRG2, beta-tubulin and ULK1.,tissue specificity:Heart, brain, placenta, liver, skeletal muscle, kidney and pancreas.,





Background

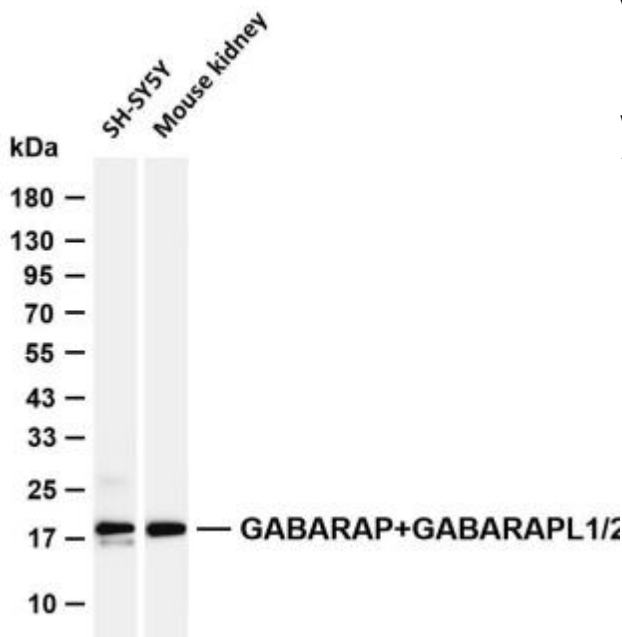
Gamma-aminobutyric acid A receptors [GABA(A) receptors] are ligand-gated chloride channels that mediate inhibitory neurotransmission. This gene encodes GABA(A) receptor-associated protein, which is highly positively charged in its N-terminus and shares sequence similarity with light chain-3 of microtubule-associated proteins 1A and 1B. This protein clusters neurotransmitter receptors by mediating interaction with the cytoskeleton. [provided by RefSeq, Jul 2008],

matters needing attention

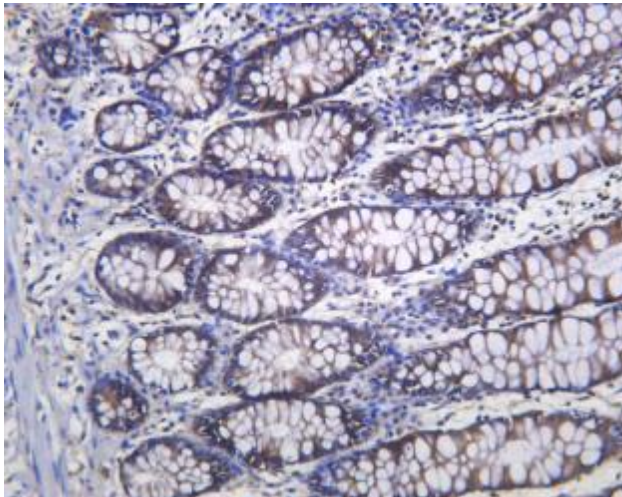
Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-GABARAP+GABARAPL1/L2 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: SH-SY5Y Lane 2: Mouse kidney Predicted band size: 14kDa Observed band size: 18kDa



Human colon was stained with anti-GABARAP+GABARAPL1/2 Rabbit antibody

