

Datasheet for ABIN3031014
anti-GABARAP antibody (AA 1-30)

9 Images

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Overview

Quantity:	0.4 mL
Target:	GABARAP
Binding Specificity:	AA 1-30
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABARAP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 1-30 from the human protein was used as the immunogen for this GABARAP antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat, Bovine, Rabbit
Purification:	Antigen affinity purified

Target Details

Target:	GABARAP
Alternative Name:	GABARAP (GABARAP Products)
Background:	Gamma-aminobutyric acid A receptors [GABA(A) receptors] are ligand-gated chloride channels

Target Details

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.

UniProt: [O95166](#)

Pathways: [Autophagy](#)

Application Details

Application Notes: Titration of the GABARAP antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Immunofluorescence: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

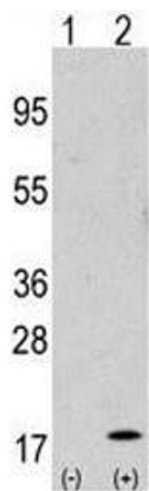
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot the GABARAP antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

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

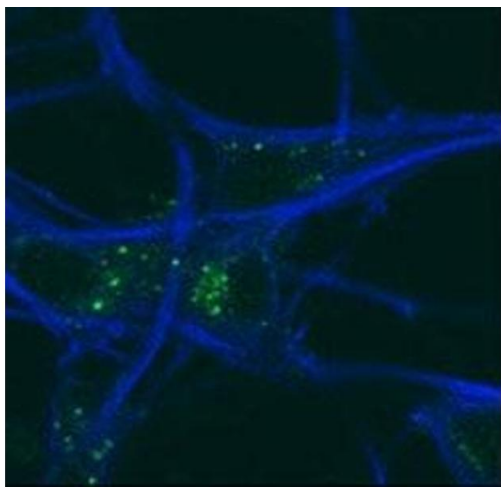
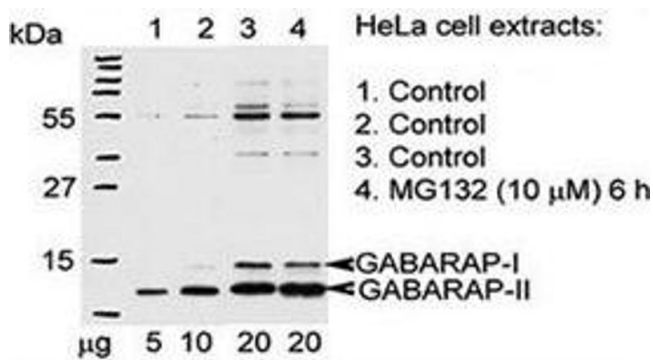


Image 2. GABARAP antibody testing of mouse MEFs and mouse motor neurons. Antibodies used were GABARAP antibody (AF488 conjugated) and anti-Tuj1 (AF647 conjugated).



Western Blotting

Image 3. Western blot testing of GABARAP antibody and HeLa cells treated with 26S proteasome complex blocker MG132.

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN3031014.