

Datasheet for ABIN1449614  
**anti-GABARAP antibody (N-Term)**

## 6 Images

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## Overview

Quantity:	0.4 mL
Target:	GABARAP
Binding Specificity:	AA 1-31, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABARAP antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 1~31 amino acids from the N-terminal region of Human GABARAP
Isotype:	Ig Fraction
Purification:	Protein A column, followed by peptide affinity purification

## Target Details

Target:	GABARAP
Alternative Name:	GABARAP ( <a href="#">GABARAP Products</a> )
Background:	Gamma-aminobutyric acid A receptors [GABA(A) receptors] are ligand-gated chloride channels that mediate inhibitory neurotransmission. GABARAP is GABA(A) receptor-associated protein,

## Target Details

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. Synonyms: FLC3B, GABA Receptor Associated Protein, GABA(A) receptor-associated protein, Gamma-aminobutyric acid receptor-associated protein

Molecular Weight: 13918 Da

Gene ID: 11337

NCBI Accession: [NP\\_009209](#)

Pathways: [Autophagy](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

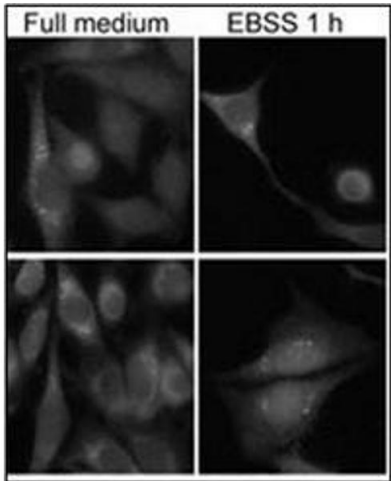
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

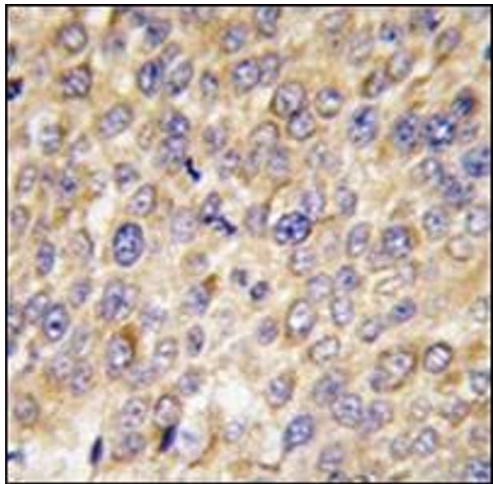
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



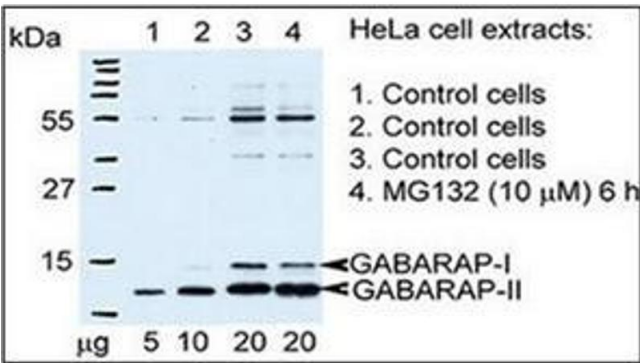
### Immunofluorescence

**Image 1.** Immunofluorescence staining of Autophagy GABARAP Antibody (N-term) Cat.-No AP32182PU-N on paraformaldehyde-fixed, saponin-permeabilized HeLa cells. Comparison of control (full-medium) and Autophagy induced (EBSS 1 h) cells. *Data courtesy of Dr. Eeva-Liisa Eskelinen, University of Helsinki, Finland.*



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Formalin-Fixed, Paraffin-Embedded human hepatocarcinoma tissue reacted with Autophagy GABARAP Antibody (N-term) followed which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



### Western Blotting

**Image 3.** Autophagy GABARAP Antibody (N-term) Cat.-No AP32182PU-N at 1/75 dilution in 5% skimmed milk powder. Secondary antibody Goat anti-Rabbit-HRP ECL detection 30 sec on X-ray film.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN1449614.