

Datasheet for ABIN5065932

**anti-GABARAPL1 antibody (AA 5-16) (Biotin)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µg
Target:	GABARAPL1
Binding Specificity:	AA 5-16
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABARAPL1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Synthetic peptide from the N-terminal of Human GABARAPL1 (aa. 5-16)
Isotype:	IgG
Specificity:	Ubiquitous. Expressed at very high levels in the brain, heart, peripheral blood leukocytes, liver, kidney, placenta and skeletal muscle. Expressed at very low levels in thymus and small intestine. In the brain, expression is particularly intense in motoneurons in the embryo and in neurons involved in somatomotor and neuroendocrine functions in the adult, particularly in the substantia nigra pars compacta. Detects ~18 kDa.
Cross-Reactivity:	Human, Mouse
Purification:	Peptide Affinity Purified

## Target Details

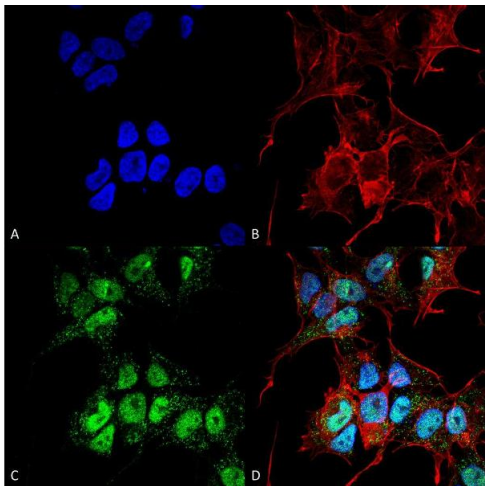
Target:	GABARAPL1
Alternative Name:	GABARAPL1 ( <a href="#">GABARAPL1 Products</a> )
Gene ID:	23710
NCBI Accession:	<a href="#">NP_113600</a>
UniProt:	<a href="#">Q9H0R8</a>
Pathways:	<a href="#">Autophagy</a>

## Application Details

Application Notes:	<ul style="list-style-type: none"><li>• WB (1:1000)</li><li>• ICC/IF (1:100)</li><li>• optimal dilutions for assays should be determined by the user.</li></ul>
Comment:	A 1:1000 dilution of ABIN5065932 was sufficient for detection of GABARAPL1 in 15 µg of Human HeLa Cell Lysates by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, 50 % glycerol, 0.09 % sodium azide, Storage buffer may change when conjugated
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:	4 °C
Storage Comment:	Conjugated antibodies should be stored at 4°C



#### Immunofluorescence (fixed cells)

**Image 1.** Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-GABARAPL1 Polyclonal Antibody . Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Rabbit Anti-GABARAPL1 Polyclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:200 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Cytoplasmic Vesicle, Autophagosome, Cytoplasm, Nucleus. Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) GABARAPL1 Antibody (D) Composite.

#### Western Blotting

**Image 2.** Western blot analysis of Human HeLa and 293Trap cell lysates showing detection of 14 kDa GABARAPL1 protein using Rabbit Anti-GABARAPL1 Polyclonal Antibody . Lane 1: Molecular Weight Ladder (MW). Lane 2: Human HeLa and 293Trap cell lysates. Load: 15 µg . Block: 5% Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-GABARAPL1 Polyclonal Antibody at 1:1000 for 1 hour at RT. Secondary Antibody: Goat Anti-Rabbit HRP at 1:2000 for 60 min at RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: 14 kDa.

