

Datasheet for ABIN2868901  
**anti-GABARAP antibody (N-Term) (Atto 390)**



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3 Images

## Overview

Quantity:	100 µg
Target:	GABARAP
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABARAP antibody is conjugated to Atto 390
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Synthetic peptide from the N-terminal of human GABARAP
Specificity:	Detects ~14-16 kDa.
Cross-Reactivity:	Human, Mouse
Purification:	Peptide Affinity Purified

## Target Details

Target:	GABARAP
Alternative Name:	GABARAP ( <a href="#">GABARAP Products</a> )
Background:	Gamma-aminobutyric acid receptor-associated protein, or GABARAP, are ligand gated chloride channels that mediate inhibitory neurotransmission. It clusters neurotransmitter receptors by

## Target Details

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mediating its interaction with the cytoskeleton (1).

Gene ID: 11337

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

UniProt: [O95166](#)

Pathways: [Autophagy](#)

## Application Details

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Application Notes:

- WB (1:1000)
- ICC/IF (1:100)
- optimal dilutions for assays should be determined by the user.

Comment: A 1:1000 dilution of ABIN2868901 was sufficient for detection of GABARAP on mouse kidney lysates using Goat anti-rabbit IgG:HRP as the secondary antibody.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

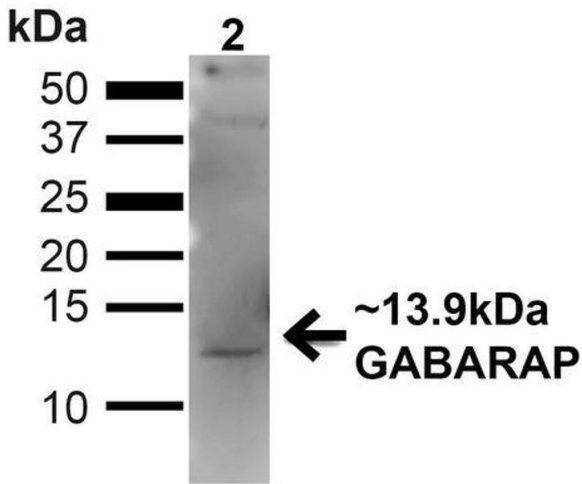
Buffer: PBS, 50 % glycerol, 0.09 % sodium azide, Storage buffer may change when conjugated

Preservative: Sodium azide

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

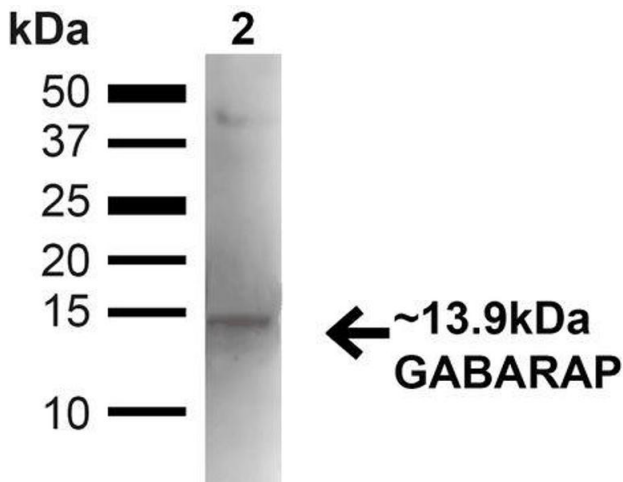
Storage: 4 °C

Storage Comment: Conjugated antibodies should be stored at 4°C



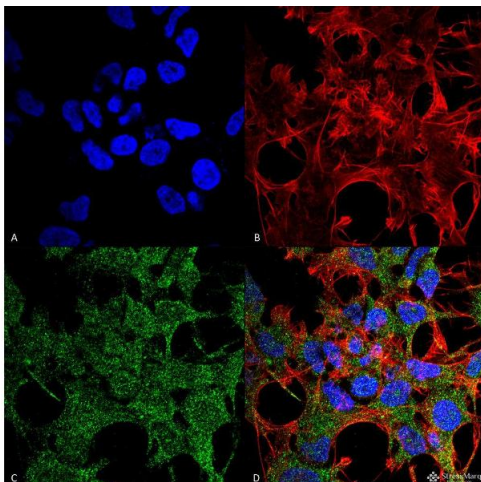
#### Western Blotting

**Image 1.** Western blot analysis of Human 293T showing detection of ~13.9kDa GABARAP protein using Rabbit Anti-GABARAP Polyclonal Antibody . Lane 1: MW Ladder. Lane 2: Human 293T (20 µg). Load: 20 µg. Block: 5% milk + TBST for 1 hour at RT. Primary Antibody: Rabbit Anti-GABARAP Polyclonal Antibody at 1:1000 for 1 hour at RT. Secondary Antibody: Goat Anti-Rabbit: HRP at 1:2000 for 1 hour at RT. Color Development: TMB solution for 12 min at RT. Predicted/Observed Size: ~13.9kDa. Other Band(s): ~40kDa (Complex).



#### Western Blotting

**Image 2.** Western blot analysis of Mouse Kidney showing detection of ~13.9kDa GABARAP protein using Rabbit Anti-GABARAP Polyclonal Antibody . Lane 1: MW Ladder. Lane 2: Mouse Kidney (20 µg). Load: 20 µg. Block: 5% milk + TBST for 1 hour at RT. Primary Antibody: Rabbit Anti-GABARAP Polyclonal Antibody at 1:1000 for 1 hour at RT. Secondary Antibody: Goat Anti-Rabbit: HRP at 1:2000 for 1 hour at RT. Color Development: TMB solution for 12 min at RT. Predicted/Observed Size: ~13.9kDa. Other Band(s): ~40kDa (Complex).



#### Immunofluorescence (fixed cells)

**Image 3.** Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-GABARAP Polyclonal Antibody . Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Rabbit Anti-GABARAP Polyclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Rabbit ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Localization: Endomembrane System, Cytoplasm, Golgi Apparatus

Membrane, Cytoplasmic Vesicle. Magnification: 60X. (A)  
DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin  
stain (C) GABARAP Antibody (D) Composite.