antibodies

# Datasheet for ABIN731873 anti-gamma 1 Adaptin antibody (AA 721-822)

5 Images



Overview

Quantity:	100 μL
Target:	gamma 1 Adaptin (AP1G1)
Binding Specificity:	AA 721-822
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This gamma 1 Adaptin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse Gamma-Adaptin
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Cross-Reactivity (Details):	IF(IHC-P)(1:200-400)
Predicted Reactivity:	Dog,Cow,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

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### Target Details

Target:	gamma 1 Adaptin (AP1G1)
Alternative Name:	gamma-Adaptin (AP1G1 Products)
Background:	Synonyms: AP-1 complex subunit gamma-1, Adaptor protein complex AP-1 subunit gamma-1, Adaptor-related protein complex 1 subunit gamma-1, Clathrin assembly protein complex 1 gamma-1 large chain, Gamma-adaptin, Gamma1-adaptin, Golgi adaptor HA1/AP1 adaptin subunit gamma-1, Ap1g1, Adtg, Clapg1 Background: Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules.
Gene ID:	11765
UniProt:	P22892

## Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only

# Handling

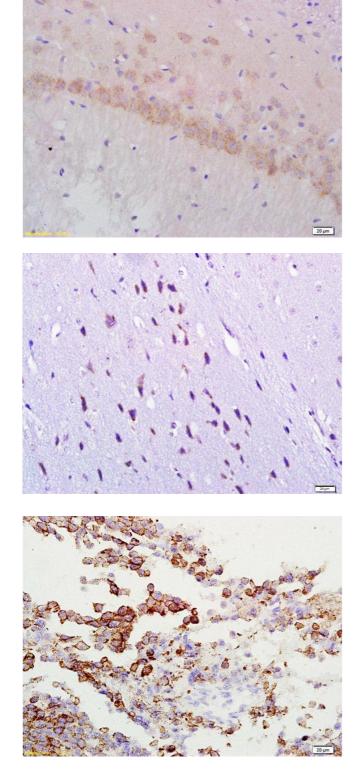
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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### Handling

Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

### Images



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin embedded rat brain labeled with Anti-Gamma-Adaptin Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining

#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Paraformaldehyde-fixed, paraffin embedded Mouse brain, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30min, Antibody incubation with Gamma-Adaptin Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.

#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed and paraffin embedded rat lung carcinoma labeled with Anti-Gamma-Adaptin Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining

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