



Datasheet for ABIN6258701  
**anti-APPL1 antibody (Internal Region)**



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2 Images

Overview

Quantity:	100 µL
Target:	APPL1
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human APPL1, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	APPL1 Antibody detects endogenous levels of total APPL1.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	APPL1
Alternative Name:	APPL1 ( <a href="#">APPL1 Products</a> )

## Target Details

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**Background:** Description: Adapter protein that interacts with proteins involved in different cellular signaling pathways. Required for the regulation of cell proliferation in response to extracellular signals from an early endosomal compartment. Links Rab5 to nuclear signal transduction. Involved in the regulation of the insulin receptor signaling pathway.

Gene: APPL1

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**Molecular Weight:** 80 kDa

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**Gene ID:** 26060

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**UniProt:** [Q9UKG1](#)

## Application Details

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**Application Notes:** WB 1:500-1:1000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 mg/mL

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**Buffer:** Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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**Preservative:** Sodium azide

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

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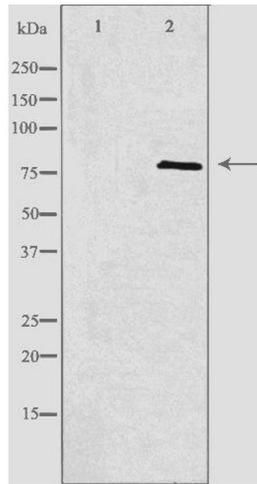
**Storage:** -20 °C

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**Storage Comment:** Store at -20 °C. Stable for 12 months from date of receipt.

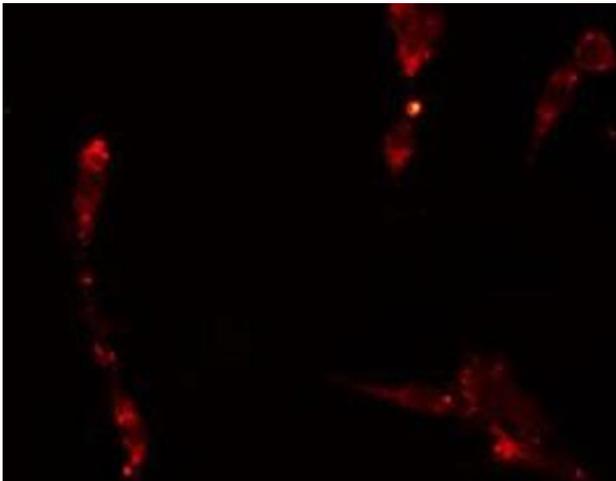
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**Expiry Date:** 12 months



### Western Blotting

**Image 1.** Western blot analysis of extracts from A549 cells, using APPL1 antibody. The lane on the left is treated with the antigen-specific peptide.



### Immunofluorescence (fixed cells)

**Image 2.** ABIN6275052 staining A549 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody (Cat.# S0006), diluted at 1/600, was used as secondary antibody