

## **RILPL2 Antibody (Center)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP11028c

## **Specification**

## **RILPL2 Antibody (Center) - Product Information**

Application WB, IHC-P,E
Primary Accession Q969X0

Other Accession Q6IP02, Q6AYA0, A4IFK7, NP 659495.1

Reactivity Human, Hamster
Predicted Bovine, Rat, Xenopus

Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Calculated MW 23986
Antigen Region 120-149

## **RILPL2 Antibody (Center) - Additional Information**

### Gene ID 196383

## **Other Names**

RILP-like protein 2, Rab-interacting lysosomal protein-like 2, p40phox-binding protein, RILPL2, RLP2

## Target/Specificity

This RILPL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 120-149 amino acids from the Central region of human RILPL2.

## **Dilution**

WB~~1:1000 IHC-P~~1:50~100

### Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

## **Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

### **Precautions**

RILPL2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

# **RILPL2 Antibody (Center) - Protein Information**

### Name RILPL2





## **Synonyms RLP2**

**Function** Involved in cell shape and neuronal morphogenesis, positively regulating the establishment and maintenance of dendritic spines (By similarity). Plays a role in cellular protein transport, including protein transport away from primary cilia (By similarity). May function via activation of RAC1 and PAK1 (By similarity).

### **Cellular Location**

Cytoplasm, cytosol. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cell projection, cilium

## **Tissue Location**

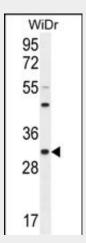
Widely expressed. Expressed at higher level in lung.

## **RILPL2 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

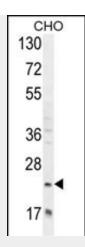
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## RILPL2 Antibody (Center) - Images

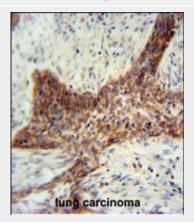


RILPL2 Antibody (Center) (Cat. #AP11028c) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the RILPL2 antibody detected the RILPL2 protein (arrow).





RILPL2 Antibody (Center) (Cat. #AP11028c) western blot analysis in CHO cell line lysates (35ug/lane). This demonstrates the RILPL2 antibody detected the RILPL2 protein (arrow).



RILPL2 antibody (Center) (Cat. #AP11028c) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the RILPL2 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

# RILPL2 Antibody (Center) - Background

Does not regulate lysosomal morphology and distribution.

# **RILPL2 Antibody (Center) - References**

Wang, T., et al. Mol. Biol. Cell 15(2):815-826(2004)