

# **ALS2CL Antibody (Center)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP17574c

## **Specification**

# **ALS2CL Antibody (Center) - Product Information**

Application WB,E
Primary Accession Q60127

Other Accession NP\_001177636.1

Reactivity
Host
Clonality
Polyclonal
Isotype
Calculated MW
Antigen Region

Human
Rabbit
Polyclonal
Rabbit IgG
349-377

## **ALS2CL Antibody (Center) - Additional Information**

#### Gene ID 259173

#### **Other Names**

ALS2 C-terminal-like protein, ALS2CL

#### Target/Specificity

This ALS2CL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 349-377 amino acids from the Central region of human ALS2CL.

#### **Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

#### **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**

ALS2CL Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## **ALS2CL Antibody (Center) - Protein Information**

#### Name ALS2CL

Function Acts as a guanine nucleotide exchange factor (GEF) for Rab5 GTPase. Regulates the



ALS2-mediated endosome dynamics.

#### **Cellular Location**

Cytoplasm. Note=Distributed onto the vesicular compartments in the cytoplasm with strong punctated staining Colocalizes with RAB5A onto the vesicular/membranous compartments in the cytoplasm, particularly to the leading edges of the cells

#### **Tissue Location**

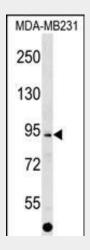
Expressed in heart and kidney.

# **ALS2CL Antibody (Center) - Protocols**

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

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

## ALS2CL Antibody (Center) - Images



ALS2CL Antibody (Center) (Cat. #AP17574c) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the ALS2CL antibody detected the ALS2CL protein (arrow).

# **ALS2CL Antibody (Center) - Background**

ALS2CL acts as a guanine nucleotide exchange factor (GEF) for Rab5 GTPase. Regulates the ALS2-mediated endosome dynamics.

# **ALS2CL Antibody (Center) - References**

Suzuki-Utsunomiya, K., et al. Biochem. Biophys. Res. Commun. 354(2):491-497(2007) Hadano, S., et al. FEBS Lett. 575 (1-3), 64-70 (2004) :