

ARRDC1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP16008c

Specification

ARRDC1 Antibody (Center) - Product Information

WB,E Application **Primary Accession O8N512** Other Accession NP 689498.1 Reactivity Mouse Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Antigen Region 136-164

ARRDC1 Antibody (Center) - Additional Information

Gene ID 92714

Other Names

Arrestin domain-containing protein 1, ARRDC1

Target/Specificity

This ARRDC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 136-164 amino acids from the Central region of human ARRDC1.

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

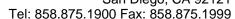
ARRDC1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ARRDC1 Antibody (Center) - Protein Information

Name ARRDC1 (HGNC:28633)

Function Functions as an adapter recruiting ubiquitin-protein ligases to their specific substrates (PubMed: <u>23886940</u>, PubMed: <u>27462458</u>). Through an ubiquitination-dependent mechanism plays







for instance a role in the incorporation of SLC11A2 into extracellular vesicles (PubMed: 27462458). More generally, plays a role in the extracellular transport of proteins between cells through the release in the extracellular space of microvesicles (PubMed:22315426). By participating in the ITCH-mediated ubiquitination and subsequent degradation of NOTCH1, negatively regulates the NOTCH signaling pathway (PubMed: 23886940).

Cellular Location

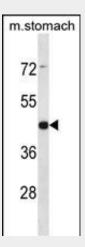
Cell membrane. Note=Also found in extracellular vesicles different from exosomes.

ARRDC1 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

ARRDC1 Antibody (Center) - Images



ARRDC1 Antibody (Center) (Cat. #AP16008c) western blot analysis in mouse stomach tissue lysates (35ug/lane). This demonstrates the ARRDC1 antibody detected the ARRDC1 protein (arrow).

ARRDC1 Antibody (Center) - Background

ARRDC1 belongs to the arrestin family of proteins.

ARRDC1 Antibody (Center) - References

Humphray, S.J., et al. Nature 429(6990):369-374(2004)