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ARRDC1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16008c

Specification

ARRDC1 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q8N5I2
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

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:23886940, PubMed:27462458). 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).

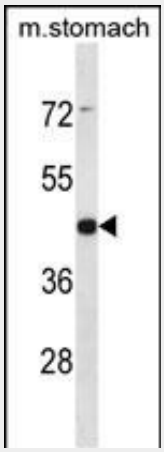
Cellular Location
Cell membrane. Note=Also found in extracellular vesicles different from exosomes.

ARRDC1 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- 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)