

ARL6IP1 / ARMER Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS11392**Specification**

ARL6IP1 / ARMER Antibody (C-Terminus) - Product Information

Application	IF, WB, IHC
Primary Accession	Q15041
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23kDa KDa

ARL6IP1 / ARMER Antibody (C-Terminus) - Additional Information**Gene ID** 23204**Other Names**

ADP-ribosylation factor-like protein 6-interacting protein 1, ARL-6-interacting protein 1, Aip-1, ARL6IP1, ARL6IP, KIAA0069

Target/Specificity

peptide corresponding to 15 amino acids near the C-terminus of human ARMER

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

ARL6IP1 / ARMER Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

ARL6IP1 / ARMER Antibody (C-Terminus) - Protein Information**Name** ARL6IP1**Function**

Positively regulates SLC1A1/EAAC1-mediated glutamate transport by increasing its affinity for glutamate in a PKC activity- dependent manner. Promotes the catalytic efficiency of SLC1A1/EAAC1 probably by reducing its interaction with ARL6IP5, a negative regulator of SLC1A1/EAAC1-mediated glutamate transport (By similarity). Plays a role in the formation and stabilization of endoplasmic reticulum tubules (PubMed:24262037). Negatively regulates apoptosis, possibly by modulating the activity of caspase-9 (CASP9). Inhibits cleavage of CASP9-dependent substrates and downstream markers of apoptosis but not CASP9 itself (PubMed:12754298). May be involved in protein transport, membrane trafficking, or cell signaling during hematopoietic maturation (PubMed:10995579).

Cellular Location

Endomembrane system; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Endoplasmic reticulum {ECO:0000250|UniProtKB:Q9JKW0}.

Note=Predominantly localized to intracytoplasmic membranes. Preferentially localizes at the ER tubules and the edge of the ER sheets, both of which are characterized by a high membrane curvature.

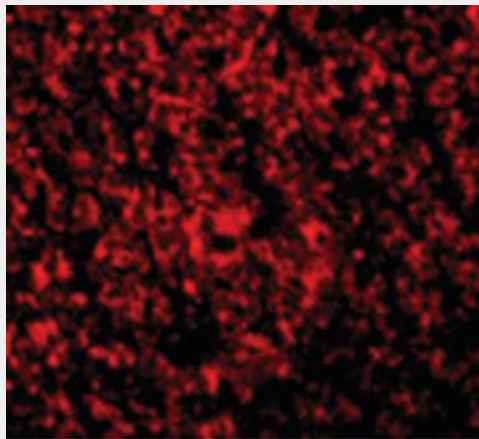
Tissue Location

Expressed in all hematopoietic cell lineages, but the highest level of expression is found in early myeloid progenitor cells. Expressed in brain, bone marrow, thymus and lung. Expressed at low level in liver, kidney and spleen. Not detected in heart

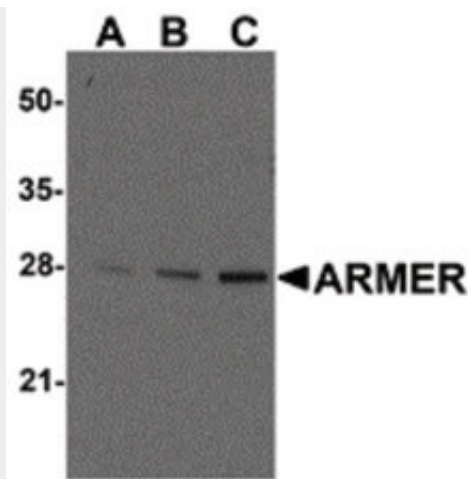
ARL6IP1 / ARMER Antibody (C-Terminus) - Protocols

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

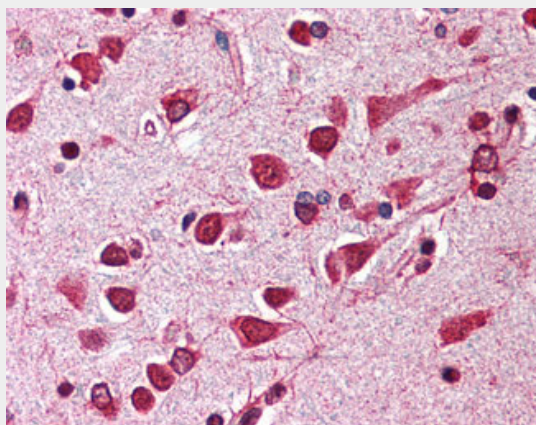
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ARL6IP1 / ARMER Antibody (C-Terminus) - Images

Immunofluorescence of ARMER in Mouse Intestine cells with ARMER antibody at 2 ug/ml.



Western blot ana-lysis of ARMER in mouse small intestine tissue lysates with ARMER antibody at...



Anti-ARL6IP1 / ARMER antibody IHC of human brain, cortex.

ARL6IP1 / ARMER Antibody (C-Terminus) - Background

May be involved in protein transport, membrane trafficking, or cell signaling during hematopoietic maturation.

ARL6IP1 / ARMER Antibody (C-Terminus) - References

- Nomura N.,et al.DNA Res. 1:223-229(1994).
- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Martin J.,et al.Nature 432:988-994(2004).
- Pettersson M.,et al.Genomics 68:351-354(2000).
- Kuroda M.,et al.FEBS Lett. 587:3656-3660(2013).