

Product datasheet for **TA349519**

ARMER (ARL6IP1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human fetal liver tissue IHC: 50-200 Positive control: Human breast cancer Predicted cell location: cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human ARL6IP1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ADP ribosylation factor like GTPase 6 interacting protein 1
Database Link:	NP_055976 Entrez Gene 54208 Mouse Entrez Gene 23204 Human Q15041



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Background:

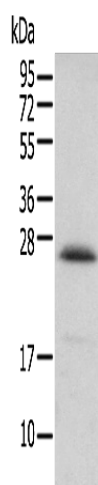
ARMER (apoptotic regulator in the membrane of the endoplasmic reticulum), also known as ADP-ribosylation-like factor 6-interacting protein 1 (ARL6IP1 or AIP1), is a multi-pass membrane protein that belongs to the Ras superfamily. It is expressed in brain, thymus, lung, bone marrow and, to a lesser extent, in spleen, kidney and liver. ARMER is not found in the heart and is found predominantly in early myeloid progenitor cells localizing to the intracytoplasmic membranes. It interacts with ARL6, inhibits caspase-9 activity by inhibiting proteolysis of downstream substrates (including LEHD-AFC, vimentin and caspase-3) and is down-regulated during myeloid differentiation. ARMER may play a role in membrane trafficking, protein transport or cell signaling during hematopoietic maturation.

Synonyms:

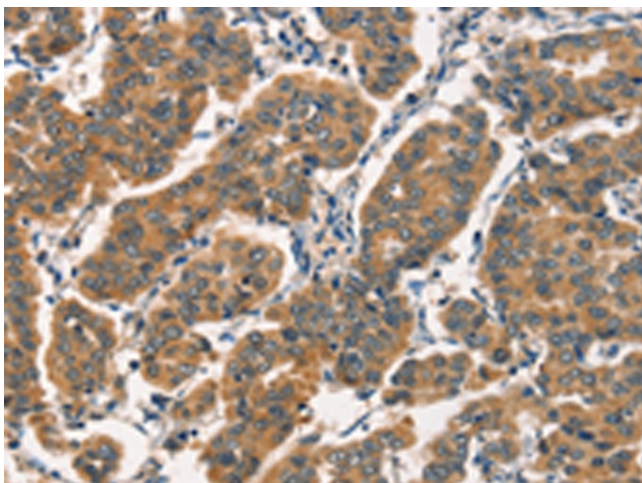
AIP1; ARL6IP1; ARMER; SPG61

Protein Families:

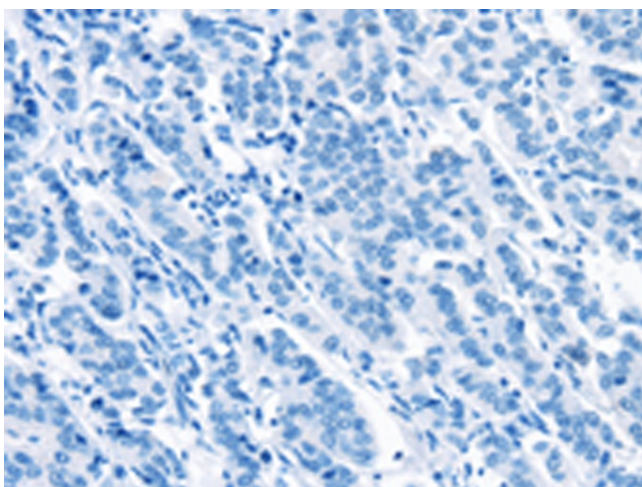
Transmembrane

Product images:

Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane: Human fetal liver tissue
Primary antibody: TA349519 (ARL6IP1 Antibody) at dilution 1/250
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 3 minutes



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA349519 (ARL6IP1 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA349519 (ARL6IP1 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: $\times 200$)