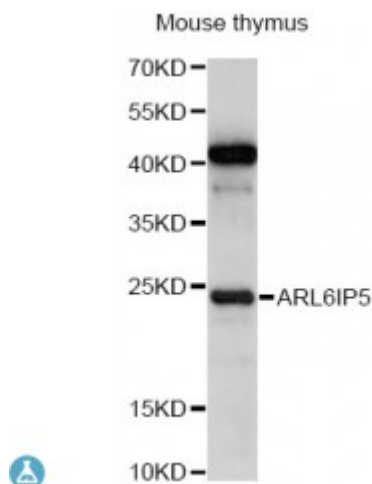


Anti-ARL6IP5 Antibody



Description

Expression of this gene is affected by vitamin A. The encoded protein of this gene may be associated with the cytoskeleton. A similar protein in rats may play a role in the regulation of cell differentiation. The rat protein binds and inhibits the cell membrane glutamate transporter EAAC1. The expression of the rat gene is upregulated by retinoic acid, which results in a specific reduction in EAAC1-mediated glutamate transport.

Model	STJ117042
Host	Rabbit
Reactivity	Mouse
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100 to the C-terminus of human ARL6IP5 (NP_006398.1).
Gene ID	10550
Gene Symbol	ARL6IP5
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	PRA1 family protein 3 ADP-ribosylation factor-like protein 6-interacting protein 5 ARL-6-interacting protein 5 Aip-5 Cytoskeleton-related vitamin A-responsive protein Dermal papilla-derived protein 11 GTRAP3-18 Gl
Molecular Weight	21.615 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:16937OMIM:605709Reactome:R-HSA-210500
Alternative Names	PRA1 family protein 3 ADP-ribosylation factor-like protein 6-interacting protein 5 ARL-6-interacting protein 5 Aip-5 Cytoskeleton-related vitamin A-responsive protein Dermal papilla-derived protein 11 GTRAP3-18 Gl
Function	Regulates intracellular concentrations of taurine and glutamate, Negatively modulates SLC1A1/EAAC1 glutamate transport activity by decreasing its affinity for glutamate in a PKC activity-dependent manner, May be involved in membrane traffic,
Cellular Localization	Endoplasmic reticulum membrane

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