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Rho D Polyclonal Antibody

Catalog # AP72262

Product Information

Application	WB
Primary Accession	O00212
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23466

Additional Information

Gene ID	29984
Other Names	RHOD; ARHD; Rho-related GTP-binding protein RhoD; Rho-related protein HP1; RhoHP1
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

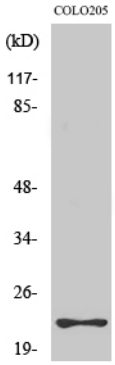
Protein Information

Name	RHOD (HGNC:670)
Synonyms	ARHD
Function	Involved in endosome dynamics. May coordinate membrane transport with the function of the cytoskeleton. Involved in the internalization and trafficking of activated tyrosine kinase receptors such as PDGFRB. Participates in the reorganization of actin cytoskeleton; the function seems to involve WHAMM and includes regulation of filopodia formation and actin filament bundling. Can modulate the effect of DAPK3 in reorganization of actin cytoskeleton and focal adhesion dissolution.
Cellular Location	Cell membrane; Lipid-anchor; Cytoplasmic side. Early endosome. Note=Colocalizes with RAB5 to early endosomes (By similarity). {ECO:0000250|UniProtKB:P97348}
Tissue Location	Heart, placenta, liver, skeletal muscle, and pancreas and, with weaker intensity, in several other tissues

Background

Involved in endosome dynamics. May coordinate membrane transport with the function of the cytoskeleton. Involved in the internalization and trafficking of activated tyrosine kinase receptors such as PDGFRB. Participates in the reorganization of actin cytoskeleton; the function seems to involve WHAMM and includes regulation of filopodia formation and actin filament bundling. Can modulate the effect of DAPK3 in reorganization of actin cytoskeleton and focal adhesion dissolution.

Images



Western Blot analysis of various cells using Rho D Polyclonal Antibody diluted at 1：500