

# RhoD Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51474

## Product Information

Application	WB
Primary Accession	<a href="#">O00212</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23466

## Additional Information

Gene ID	29984
Other Names	Rho-related GTP-binding protein RhoD, Rho-related protein HP1, RhoHP1, RHOD, ARHD
Target/Specificity	KLH conjugated synthetic peptide derived from human RhoD
Dilution	WB~~ 1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

Name	RHOD ( <a href="#">HGNC:670</a> )
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

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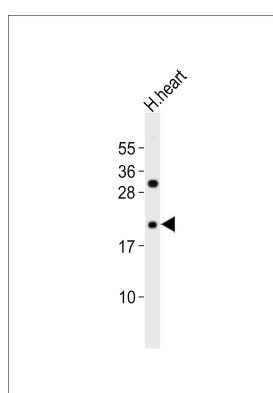
## References

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Taylor T.D.,et al.Nature 440:497-500(2006).  
Gasman S.,et al.Nat. Cell Biol. 5:195-204(2003).  
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## Images

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Anti-RhoD Antibody at 1:1000 dilution + H.heart tissue lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 23 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.