







Rho A Mouse mAb

Cell projection, dendrite . Nucleus . Localized to cell-cell contacts in calcium-treated keratinocytes (By similarity). Translocates to the equatorial region before furrow formation in a ECT2-dependent manner. Localizes to the equatoric cell cortex (at the site of the presumptive furrow) in early anaphase in an activate form and in a myosin- and actin-independent manner. Tissue Specificity Adipose tissue,Brain,Colon,Mammary cancer,Oesophageal carcinoma,Placenta cofactor:Magnesium.,Domain:The basic-rich region is essential for yopT		
Reactivity Human,Mouse,Rat Applications WB Gene Name RHOA Protein Name Transforming protein RhoA Immunogen The antiserum was produced against synthesized peptide derived from human RhoA. AA range:144-193 Specificity Rho A Polyclonal Antibody detects endogenous levels of Rho A protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal,Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-1:2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms RHOA; ARH12; ARHA; RHO12; Transforming protein RhoA; Rho cDNA clone 12; h12 Observed Band 22kD Calculated Molecular Weight Cell Pathway Cell membrane; Lipid-anchor; Cytoplasmic side. Cytoplasm, cytoskeleton. Cell evage furrow. Cytoplasm, cell cortex. Midbody. Cell projection, lamellipodiur calcium-treated keratinocytes (By similarity). Translocates to the equatorial regic before furrow formation in a ECT2-dependent manner. Localizes to the equatorial regic before furrow formation in a ECT2-dependent manner. Localizes to the equatorial regic norman and actin-independent manner. Tissue Specificity Adipose tissue, Brain, Colon, Mammary cancer, Oesophageal carcinoma, Placenta	Catalog No	YP-mAb-19096
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	Tissue Specificity	Adipose tissue,Brain,Colon,Mammary cancer,Oesophageal carcinoma,Placenta
linking plasma membrane receptors to the assembly of focal adhesions and acti stress fibers. Serves as a target for the yopT cysteine peptidase from Yersinia pestis, vector of the plague, and Yersinia pseudotuberculosis, which causes	Function	recognition and cleavage.,Function:Regulates a signal transduction pathway linking plasma membrane receptors to the assembly of focal adhesions and actin stress fibers. Serves as a target for the yopT cysteine peptidase from Yersinia



UpingBio technology Co.,Ltd







which promotes the exchange of GDP for GTP.,PTM:Cleaved by yopT protease which promotes the exchange of GDP for GTP.,PTM:Cleaved by yopT protease when the cell is infected by some Yersinia pathogens. This removes the lipid attachment, and leads to its displacement from plasma membrane and to subsequent cytoskeleton cleavage.,PTM:Substrate for botulinum ADP-ribosyltransferase.,similarity:Belongs to the small GTPase superfamily. Rho family.,subunit:Interacts with RGNEF (By similarity). Binds PRKCL1, ROCK1 and ROCK2. Interacts with ARHGEF2, ARHGEF3, NET1 and RTKN. Interacts with PLCE1 and AKAP13. Interacts with human respiratory syncytium formation. protein F; this interaction facilitates virus-induced syncytium formation.,

Background

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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