Transforming protein RhoA Polyclonal Antibody

Catalog No: #42171

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

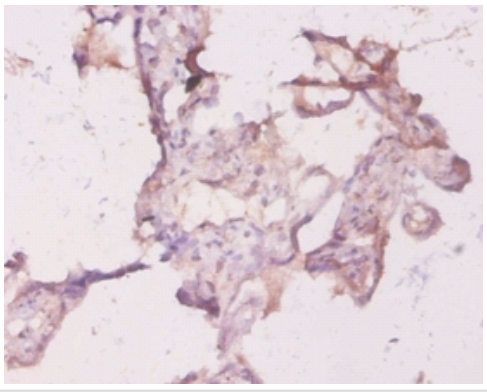
Description

Product Name	Transforming protein RhoA Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Transforming protein RhoA polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Transforming protein RhoA protein
Target Name	Transforming protein RhoA
Other Names	ARH12, ARHA, RHO12, RHOA, h12, Rho cDNA clone 12
Accession No.	Swiss-Prot#: P61586
Uniprot	P61586
GeneID	387;
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human placenta using #42171 at dilution of 1:20.

Background

Regulates a signal transduction pathway linking plasma membrane receptors to the assembly of focal adhesions and actin stress fibers. Involved in a microtubule-dependent signal that is required for the myosin contractile ring formation during cell cycle cytokinesis. Plays an essential role in cleavage furrow formation. Required for the apical junction formation of keratinocyte cell-cell adhesion. Stimulates PKN2 kinase activity. May be an activator of PLCE1. Activated by ARHGEF2, which promotes the exchange of GDP for GTP. Essential for the SPATA13-mediated regulation of cell migration and adhesion assembly and disassembly. The MEMO1-RHOA-DIAPH1 signaling pathway plays an important role in ERBB2-dependent stabilization of

microtubules at the cell cortex.

References

[1]"Nucleotide sequence of human rho cDNA clone 12."Yeramian P., Chardin P., Madaule P., Tavitian A.Nucleic Acids Res. 15:1869-1869(1987)
[2]"Sequence of rho small GTP-binding protein cDNAs from human retina and identification of novel 5' end cloning art

Note: This product is for in vitro research use only