



Rabbit Anti-Human RHO polyclonal antibody (CABT-L1831)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody may react with (Predicted by homology) : Bovine, Dog, Mouse, Rabbit, Rat
Target	RHO
Immunogen	Synthetic peptide corresponding to human Rho protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunoaffinity purified
Conjugate	Unconjugated
Applications	WB
Molecular Weight	21 kDa
Cellular Localization	N/A
Positive Control	N/A
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide
Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly

stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

BACKGROUND

Introduction

The Rho proteins are members of the Ras superfamily of small GTP-binding proteins which have low molecular weight of ~21 kDa. Studies show that the amino acid sequence of the Rho family is more than 45% identical to each other and 30% or less identical to Ras or Rab/YPT proteins. The Rho proteins play an important role in the organization of actin cytoskeleton, cell adhesion, cell motility and smooth muscle contraction. The Rho proteins are also involved in the signal transduction pathways mediated by the actin cytoskeleton and the activation of the stress activated MAP kinase cascades. Researchers demonstrate that Rho kinase is capable of phosphorylating purified smooth muscle myosin phosphatase and inhibiting its activity in vitro.

Keywords

Ret finger protein like 2;Ret finger protein like 3;Ret finger protein-like 2;RING finger protein 79;RNF79

GENE INFORMATION

Entrez Gene ID

[387](#)

UniProt ID

[P61586](#)
