



Rock-2 rabbit pAb

Cat No.:ES3388

For research use only

Overview

Product Name	Rock-2 rabbit pAb
Host species	Rabbit
Applications	IF;WB;IHC;ELISA
Species Cross-Reactivity	Human;Mouse;Rat;Monkey
Recommended dilutions	IF: 1:50-200 Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunocytochemistry: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human ROCK2. AA range:691-740
Specificity	Rock-2 Polyclonal Antibody detects endogenous levels of Rock-2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Rho-associated protein kinase 2
Gene Name	ROCK2
Cellular localization	Cytoplasm. Cell membrane ; Peripheral membrane protein . Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasmic, and associated with actin microfilaments and the plasma membrane. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	165kD
Human Gene ID	9475
Human Swiss-Prot Number	O75116
Alternative Names	ROCK2; KIAA0619; Rho-associated protein kinase 2; Rho kinase 2; Rho-associated;



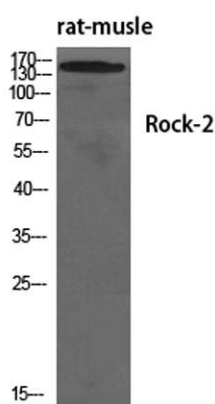


Background

coiled-coil-containing protein kinase 2;
Rho-associated, coiled-coil-containing protein kinase II; ROCK-II; p164 ROCK-2

The protein encoded by this gene is a serine/threonine kinase that regulates cytokinesis, smooth muscle contraction, the formation of actin stress fibers and focal adhesions, and the activation of the c-fos serum response element. This protein, which is an isozyme of ROCK1 is a target for the small GTPase Rho. [provided by RefSeq, Jul 2008],

Western Blot analysis of various cells using Rock-2
Polyclonal Antibody diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded human oophoroma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

