

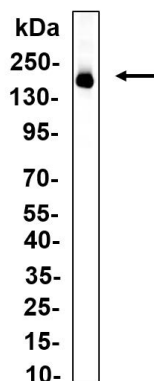


Product name:	ROCK2 Rabbit Monoclonal Antibody
Cat number:	MABN95166
Conjugate:	Unconjugated
Size:	100 ug
Concentration:	1mg/ml. The concentration of this product may be batch-dependent.
Host:	Rabbit
Isotype:	IgG
Immunogen:	The specific immunogen used to produce this antibody is proprietary information.
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:2000-1:10000 IF-P/IF-F/IF-ICC 1:200-1:1000 ELISA 1:5000-1:20000
Molecular Weight:	Observed MW: 161 kDa; Calculated MW: 161 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	PBS, 50% glycerol, 0.05% Proclin300, 0.05% protective protein
Storage:	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Synonyms:	ROCK2; KIAA0619; Rho-associated protein kinase 2; Rho kinase 2; Rho-associated, coiled-coil-containing protein kinase 2; Rho-associated, coiled-coil-containing protein kinase II; ROCK-II; p164ROCK-2
Source:	Rabbit
Background:	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.

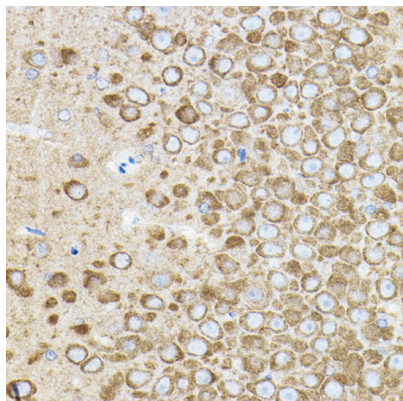
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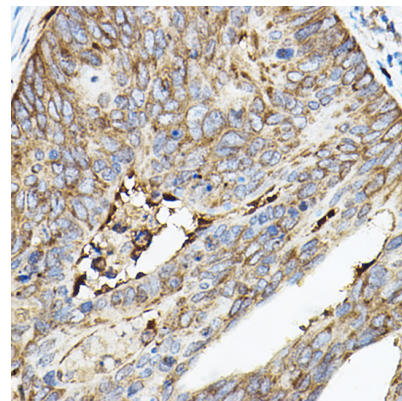
Web-site: <https://immunologicalsciences.com> - E-mail: info@immunologicalsciences.com



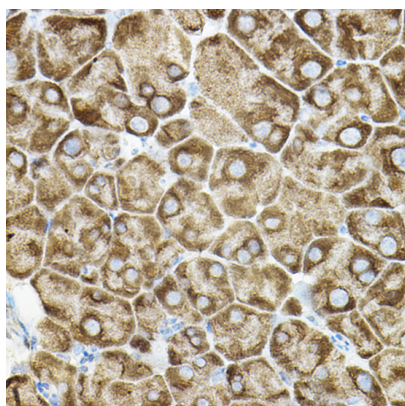
Western Blot analysis using HeLa cell lysate, Proteins were separated by 4-20% SDS-PAGE



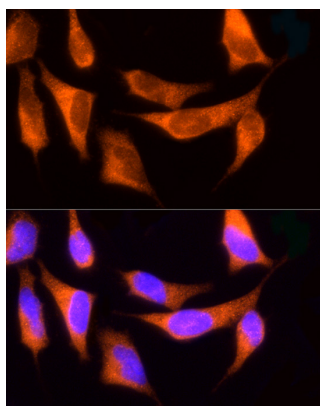
Immunohistochemistry analysis of paraffin-embedded Rat brain using ROCK2 Rabbit pAb at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



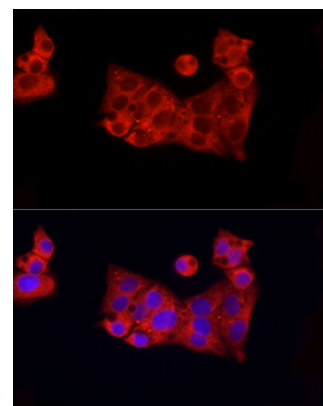
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using ROCK2 Rabbit pAb at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse pancreas using ROCK2 Rabbit pAb at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



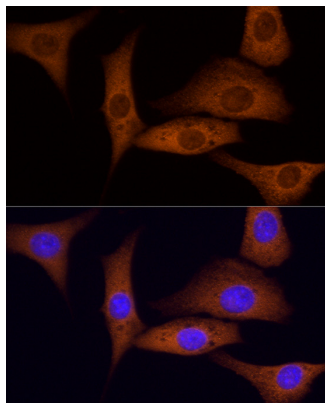
Immunofluorescence analysis of HeLa cells using ROCK2 Rabbit pAb at dilution of 1:100 (40xlens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG(H+L) at 1:500 dilution. Blue:DAPI for nuclear staining.



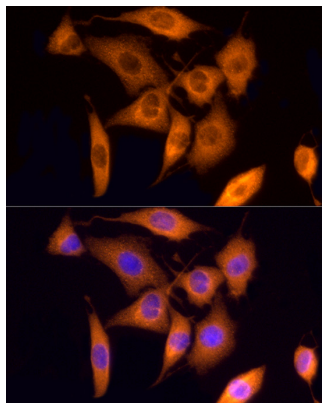
Immunofluorescence analysis of HepG2 cells using ROCK2 Rabbit pAb at dilution of 1:100 (40xlens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue:DAPI for nuclear staining.

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Immunofluorescence analysis of NIH/3T3 cells using ROCK2 Rabbit pAb at dilution of 1:100 (40xlens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG(H+L) at 1:500 dilution. Blue:DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using ROCK2 Rabbit pAb at dilution of 1:100 (40xlens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG(H+L) at 1:500 dilution. Blue:DAPI for nuclear staining.

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