

ROCK2 Rabbit pAb

Catalog NO.: A5698SP **8 Publications**

Basic Information

Observed MW

160 kDa

Calculated MW

161 kDa

Category

Polyclonal Antibodies

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Mouse, Rat

Conjugation

Unconjugated

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.

Recommended Dilutions

WB 1:1000 - 1:2000

IHC-P 1:200 - 1:800

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000)

Immunogen Information

Gene ID	Swiss Prot
9475	O75116

Immunogen

This information is considered to be commercially sensitive.

Synonyms

ROCK-II; ROCK2

Contact

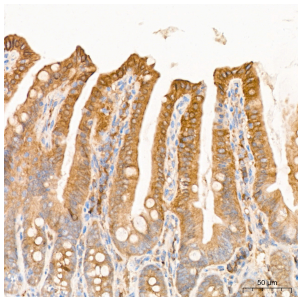
Product Information

✉		order@abclonal.com
✉		service@abclonal.com
✉		www.abclonal.com

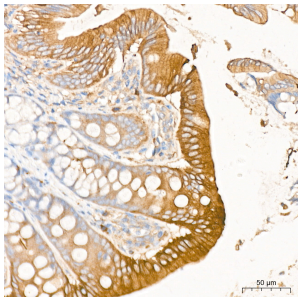
Source Rabbit	Isotype IgG	Purification Affinity purification
Storage Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.		

Validation Data

	<p>Western blot analysis of lysates from Mouse brain using ROCK2 Rabbit pAb (A5698SP) at 1:1000 dilution incubated overnight at 4°C.</p>
	<p>Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.</p>
	<p>Lysates/proteins: 25 µg per lane.</p>
	<p>Blocking buffer: 3% nonfat dry milk in TBST.</p>
	<p>Detection: ECL Basic Kit (RM00020).</p> <p>Exposure time: 45 s.</p>



Immunohistochemistry analysis of paraffin-embedded Mouse intestin tissue using ROCK2 Rabbit pAb (A5698SP) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using ROCK2 Rabbit pAb (A5698SP) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.

