

ROCK2 Rabbit pAb

Catalog No.: A5698

7 Publications

Basic Information

Observed MW

161kDa

Calculated MW

161kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

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	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

9475

Swiss Prot

O75116

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1109-1388 of human ROCK2 (NP_004841.2).

Synonyms

ROCK-II; ROCK2

Contact

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🌐	www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

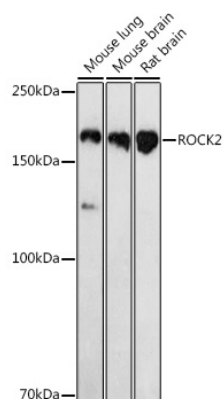
Affinity purification

Storage

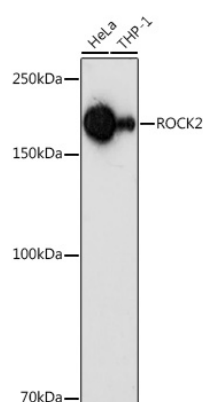
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

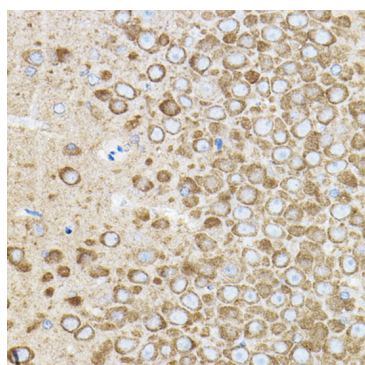
Validation Data



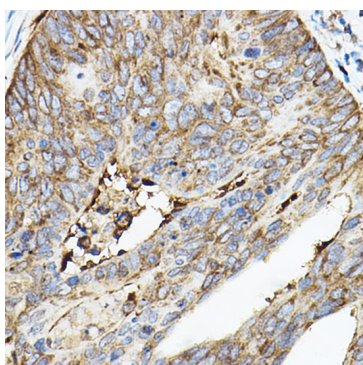
Western blot analysis of extracts of various cell lines, using ROCK2 antibody (A5698) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



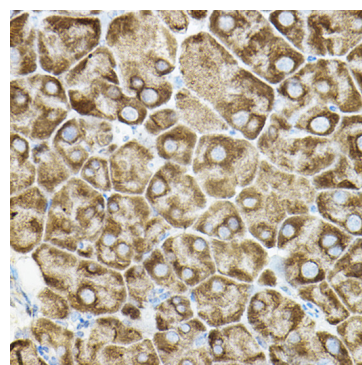
Western blot analysis of extracts of various cell lines, using ROCK2 antibody (A5698) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded rat brain using ROCK2 Rabbit pAb (A5698) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

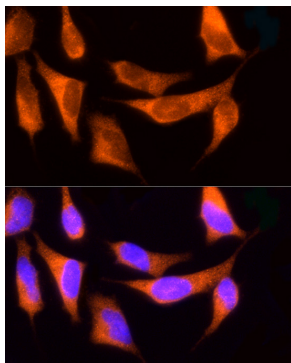


Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using ROCK2 Rabbit pAb (A5698) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

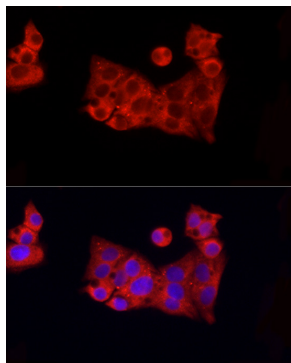


Immunohistochemistry analysis of paraffin-embedded mouse pancreas using ROCK2 Rabbit pAb (A5698) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

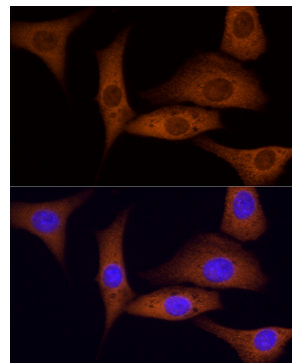
Validation Data



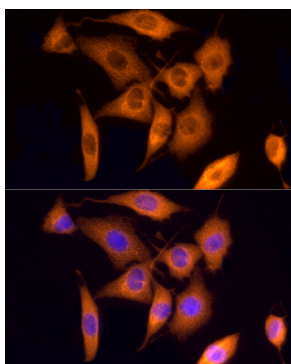
Immunofluorescence analysis of HeLa cells using ROCK2 Rabbit pAb (A5698) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HepG2 cells using ROCK2 Rabbit pAb (A5698) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using ROCK2 Rabbit pAb (A5698) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using ROCK2 Rabbit pAb (A5698) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.