[KO Validated] RHOC Rabbit Polyclonal Antibody



CAB1062

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

22kDa

Calculated MW:

22kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein Background

This gene encodes a member of the Rho family of small GTPases, which cycle between inactive GDP-bound and active GTP-bound states and function as molecular switches in signal transduction cascades. Rho proteins promote reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility. The protein encoded by this gene is prenylated at its C-terminus, and localizes to the cytoplasm and plasma membrane. It is thought to be important in cell locomotion. Overexpression of this gene is associated with tumor cell proliferation and metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Immunogen information

Gene ID:

389

Uniprot

P08134

Synonyms:

Antibody Information RHOC; ARH9; ARHC; H9; RHOH9

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50 - 1:100 IF 1:50 - 1:100

Source:

Rabbit

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-193 of human RHOC (NP_001036144.1).

Isotype: Storage:

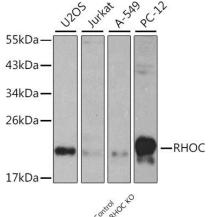
IgG Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

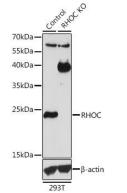
Purification:

Affinity purification

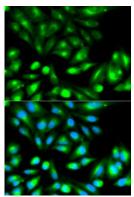
Product Images



Western blot analysis of extracts of various cell lines, using RHOC antibody (CAB1062). Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Western blot analysis of extracts from normal (control) and RHOC knockout (KO) 293T cells, using RHOC antibody (CAB1062) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 300s.



Immunofluorescence analysis of HeLa cells using RHOC antibody (CAB1062). Blue: DAPI for nuclear staining.