

Anti-Rhov(Ras homolog gene family, member V) Polyclonal Antibody

Cat. #: 60B798

Description:

Rhov(Ras homolog gene family, member V) belongs to Rho (Ras homology) subfamily of Ras-like small GTPases. The family members include Cdc42 and Rac, as well as Rho isoforms. These proteins are all involved in the reorganization of the actin cytoskeleton in response to external stimuli. They also have roles in cell transformation by Ras, in cytokinesis, in focal adhesion formation and in the stimulation of stress-activated kinase. These various functions are controlled through distinct effector proteins and mediated through a GTP-binding/GTPase cycle involving three classes of regulating proteins: GAPs (GTPase-activating proteins), GEFs (guanine nucleotide exchange factors), and GDIs(guanine nucleotide dissociation inhibitors).

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of mouse Rhov(Ras homolog gene family, member V)

References

Chenette,E.J., et al, J. Biol. Chem. 280 (14), 13784-13792 (2005)
Katoh,M., Int. J. Oncol. 20 (5), 977-982 (2002)
Wherlock,M. and Mellor,H., J. Cell. Sci. 115 (PT 2), 239-240 (2002)
Aronheim,A., et al, Curr. Biol. 8 (20), 1125-1128 (1998)

Species: mouse, rat
Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)