BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Factor IX F9 Antibody

Catalog Number: A00537

About F9

ROC1 also known as RING-box protein 1, Rbx1, Regulator of cullins 1, RING finger protein 75, and ZYP protein, is a component of the SCF (SKP1-CUL1-F-box protein) and the CBC(VHL) (CUL2-elonging BC-VHL) E3 ubiquitin ligase complexes, which mediate the ubiquitination and subsequent proteasomal degradation of target proteins involved in cell cycle progression, signal transduction and transcription. ROC1 appears to recruit the E2 ubiquitination enzyme through the RING-type zinc finger in a manner similar to CDC34, and brings it into close proximity to the substrate. The RING-type zinc finger domain is essential for ubiquitin ligase activity. ROC1 probably also stimulates CDC34 autoubiquitination and promotes the neddylation of CUL1 and probably CUL2. ROC1 has a cytoplasmic and nuclear localization and is widely expressed in most tissues.

Overview

Product Name	Anti-Factor IX F9 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Factor IX F9 Antibody catalog # A00537. Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Polyclonal 8H7
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P00740

Technical Details

Immunogen	Synthesized peptide derived from Factor IX at AA range: 412-461.
Predicted Reactive Species	Bovine, Sheep
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	Immunogen affinity purified

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Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB, 1:500-2000

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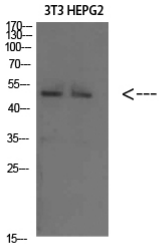
Anti-Factor IX F9 Antibody (A00537) Images



Western Blot (WB) analysis of 3T3 HepG2 cells using Factor IX Polyclonal antibody diluted at 1:800.

Submit a product review to Biocompare.com