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530-758-4400

PRODUCT DATASHEET

Anti-Crk II (Tyr-251), Phosphospecific Antibody

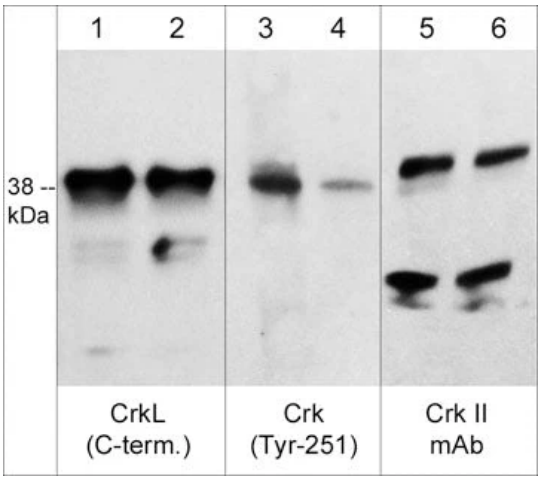
phosphosolutions ANTIBODIES THAT WORK

Product Details

Available Variants	100 µL (SKU:CP3091)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	CRK
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100
Species Reactivity	Chicken, Frog, Human, Mouse, Rat
Immunogen	Phospho-Crk (Tyr-251) synthetic peptide (coupled to KLH) corresponding to amino acid residues surrounding Tyr-251 in human Crk II. This peptide sequence is well conserved in mouse and rat Crk II, as well as in CrkL (Tyr-251). The site is not found in Crk I.
Specificity	The antibody detects a 38 and 40 kDa* proteins corresponding to the molecular mass of Crk II and CrkL on SDS-PAGE immunoblots of human K562 cells stimulated with pervanadate and A431 cells stimulated with EGF. This reactivity is not observed after akaline phosphatase treatment.
Molecular Weight	38
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	P46108 UniProt Summary: Involved in cell branching and adhesion mediated by BCAR1-CRK-RAPGEF1 signaling and activation of RAP1.
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Post Translational Modification Type	Phosphorylated
NCBI Gene ID	1398

Product Images



Western blot of human K562 cells stimulated with pervanadate (1 mM) for 30 min. (lanes 1-6). The blot was treated with akaline phosphatase to dephosphorylate Crk (lanes 2, 4 & 6), then the blot was probed with rabbit polyclonals CrkL (C-terminus) CP3081 (lanes 1 & 2), Crk (Tyr-251) phospho-specific CP3091 (lanes 3 & 4), and mouse monoclonal anti-Crk II (C-terminal region) (lanes 5 & 6).

Created on 20. November 2026 | All information without guarantee