Product Datasheet

CRKII Rabbit mAb

Catalog No: #56755

Package Size: #56755-1 50ul #56755-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	CRKII Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB ICC/IF
Species Reactivity	Human;Mouse;Rat
Specificity	CRKII Antibody detects endogenous levels of total CRKII
Immunogen Description	A synthesized peptide derived from human CRKII
Conjugates	Unconjugated
Other Names	CRK; CRKII; p38;
Accession No.	Uniprot:P46108
Calculated MW	34kDa
SDS-PAGE MW	38kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

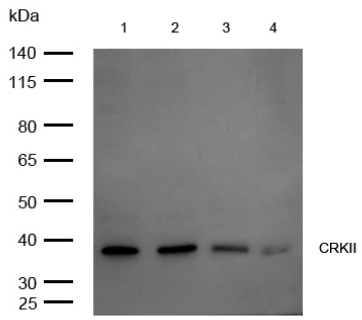
WB:1:500~1:2000

ICC/IF:1:50~1:200

IP:1:50

FC:1:100

Images



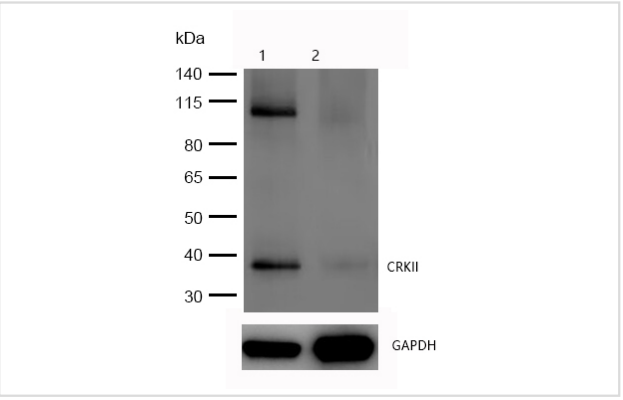
All lanes: CRKII Rabbit mAb at 1/1k dilution

Lane 1 : K562 whole cell lysates Lane 2 : Hela whole cell lysates Lane 3 : C6 whole cell lysates Lane 4 : PC12 whole cell lysates
Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 34 kDa
Observed band size: 38 kDa

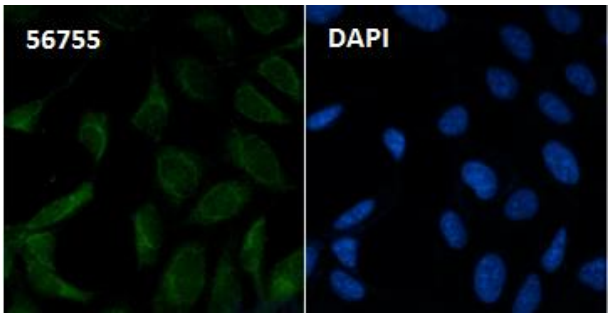
Exposure time: 8 seconds



All lanes:CRKII Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type Hela cell lysate
Lane 2 : CRKII knockdown Hela cell lysate

Lysates/proteins at 20 µg per lane.



Immunocytochemistry/ Immunofluorescence CRKII antibody (56755) ICC/IF staining of CRKII in Hela cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100. Samples were incubated with 56755 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500. Nuclei were counterstained with DAPI.

Product Description

The Crk-I and Crk-II forms differ in their biological activities. Crk-II has less transforming activity than Crk-I. Crk-II mediates attachment-induced MAPK8 activation, membrane ruffling and cell motility in a Rac-dependent manner. Involved in phagocytosis of apoptotic cells and cell motility via its interaction with DOCK1 and DOCK4.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.