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CrkII Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AP52769

Product Information

Application	WB
Primary Accession	P46108
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Calculated MW	33831

Additional Information

Gene ID	1398
Other Names	Adapter molecule crk;Avian sarcoma virus CT10 (v crk) oncogene homolog;CRK;CRK isoform 2;CRK isoform II;CRK_HUMAN;CRKII;FLJ38130;OTTHUMP00000115366;OTTHUMP00000198330;p38; Proto oncogene C crk;Proto-oncogene C-crk;v crk avian sarcoma virus CT10 oncogene homolog;v crk sarcoma virus CT10 oncogene homolog;v crk sarcoma virus CT10 oncogene homolog (avian).
Dilution	WB~~1:1000
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	CRK
Function	Involved in cell branching and adhesion mediated by BCAR1- CRK-RAPGEF1 signaling and activation of RAP1.
Cellular Location	Cytoplasm. Cell membrane. Note=Translocated to the plasma membrane upon cell adhesion.

Background

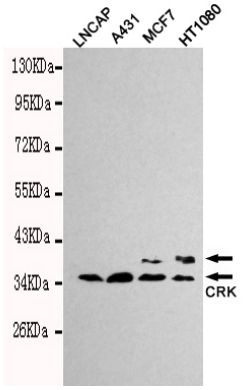
The Crk-I and Crk-II forms differ in their biological activities. Crk-II has less transforming activity than Crk-I.

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. May regulate the EFNA5-EPHA3 signaling.

References

Matsuda M.,et al.Mol. Cell. Biol. 12:3482-3489(1992).
Fioretos T.,et al.Oncogene 8:2853-2855(1993).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:1045-1049(2006).

Images



Western blot detection of CrkII in Lncap,A431,MCF7 and HT1080 cell lysates using CrkII mouse mAb (1:1000 diluted).Predicted band size: 34kDa.Observed band size: 34kDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.