

**anti-Crk II**

Cat #: HM1099  
Rabbit polyclonal IgG  
0.2 µg/µl, store at 4 °C

For research use only

**BACKGROUND**

c-Crk is the cellular homolog of v-Crk. It is a member of an adapter protein family that binds to several tyrosine-phosphorylated proteins. Two distinct human c-Crk cDNAs, designated Crk I and Crk II, respectively, have been identified and shown to represent alternative splice products of c-Crk. The major translational product of c-Crk I has been identified as a 28 kDa protein, while c-Crk II encodes a widely expressed 40 kDa protein and a more variably expressed 42 kDa protein. c-Crk has several SH2 and SH3 domains (src-homology domains) and is involved in several signaling pathways, recruiting cytoplasmic proteins in the vicinity of tyrosine kinase through SH2-phosphotyrosine interaction. The N-terminal SH2 domain of this protein functions as a positive regulator of transformation whereas the C-terminal SH3 domain functions as a negative regulator of transformation.

**SPECIFICITY**

This antibody reacts with Crk II p40 and p42 of mouse, rat, human and chicken origin by Western blotting and immunoprecipitation; non cross-reactive with Crk I p28.

**IMMUNOGEN**

A peptide at the carboxy terminus of Crk II of human origin.

**STORAGE**

This antibody is stable for 12 months when stored at 2-8°C.

**REFERENCES**

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