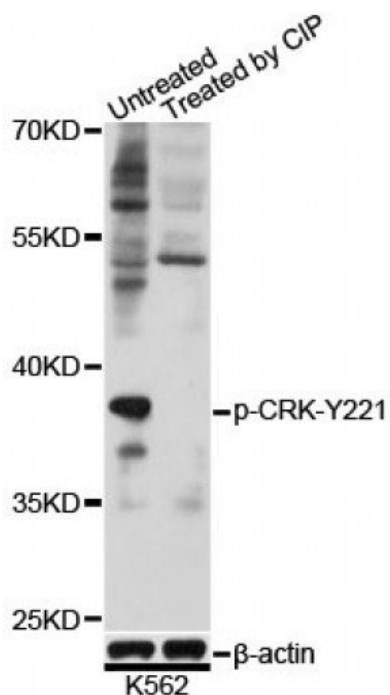


Product name:	Phospho-Crk II (Y221)
Cat number:	ABP10284
Conjugate:	Unconjugated
Size:	100 ug
Clone:	Poly
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	A synthetic phosphorylated peptide around Y221 of human CRK.
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 1:500-1:2000
Molecular Weight:	38kDa
Purification:	Affinity Purification
Form:	liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	This gene encodes a member of an adapter protein family that binds to several tyrosine-phosphorylated proteins. The product of this gene 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. Two alternative transcripts encoding different isoforms with distinct biological activity have been described



Western blot analysis of extracts of K562 cells, using Phospho-CRK-Y221 antibody at 1:1000 dilution. K562 cell lysate were treated by CIP (20ul CIP for each 400ul cell lysate) at 37°C for 1 hour . Secondary antibody: HRP Goat Anti- Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL West Pico Plus. Exposure time: 10s.