Anti-Phospho-CRK (Tyr221) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108523

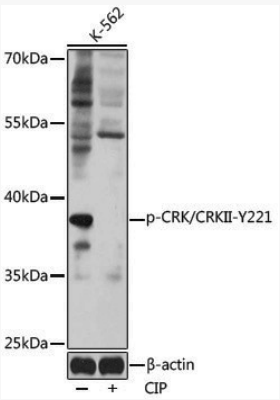
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around Y221 of human CRK/CRKII (NP_058431.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-CRK (Tyr221) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	p38; CRKII; Phospho-CRK/CRKII-Y221.
Calculated MW	Calculated MW: 34 kDa; Observed MW: 38 kDa
Uniprot ID	P46108
Gene ID	1398
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.

Validation Images



Western blot analysis of lysates from K-562 cells, using Phospho-CRK/CRKII-Y221 Rabbit pAb (P108523) at 1:1,000 dilution. K-562 cell lysate were treated by CIP (20ul CIP for each 400ul cell lysate) at 37°C for 1 hour.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Kit.
Exposure time: 10s.