

Human Crk Antibody

Antigen Affinity-purified Polyclonal Sheep IgG Catalog Number: AF4316

DESCRIPTION	
Species Reactivity	Human
Specificity	Detects human Crk in Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	E. coli-derived recombinant human Crk Gln205-Ser304 Accession # P46108
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

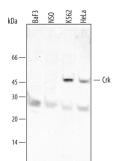
APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	1 μg/mL	See Below

DATA

Western Blot



Detection of Human Crk by Western Blot. Western blot shows lysates of BaF3 mouse pro-B cell line, NS0 mouse myeloma cell line, K562 human chronic myelogenous leukemia cell line, A662 human chronic myelogenous leukemia cell line, and HeLa human cervical epithelial carcinoma cell line. PVDF membrane was probed with 1 µg/mL of Human Crk Antigen Affinity-purified Polyclonal Antibody (Catalog # AF4316) followed by HRP-conjugated Anti-Sheep IgG Secondary Antibody (Catalog # HAF016). A specific band was detected for Crk at approximately 50 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

PREPARATION AND STORAGE		
Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.	
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.	
	*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C	
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.	
	 12 months from date of receipt -20 to -70 °C as supplied 	

- 12 months from date of receipt, -20 to -70 °C as supplied
- 1 month, 2 to 8 °C under sterile conditions after reconstitution
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Crk belongs to a family of adaptor molecules that are widely expressed in numerous tissues. It was originally isolated from a chicken tumor sample, and despite lacking enzymatic activity, this protein is involved in many signal transduction pathways leading to phosphorylation of multiple proteins. Crk forms multi protein complexes via it's SH2 and SH3 domains leading to activation of downstream molecules involved in growth, differentiation, cell adhesion and migration.

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