

Datasheet for ABIN7139019
anti-HCK antibody (pTyr521)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	HCK
Binding Specificity:	pTyr521
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HCK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 521(E-S-Q(p)-Y-Q) derived from Human HCK .
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

Target:	HCK
Alternative Name:	HCK (HCK Products)

Target Details

Background:	<p>Background:</p> <p>The protein encoded by this gene is a protein-tyrosine kinase that is predominantly expressed in hemopoietic cell types. The encoded protein may help couple the Fc receptor to the activation of the respiratory burst. In addition, it may play a role in neutrophil migration and in the degranulation of neutrophils. Alternate translation initiation site usage, including a non-AUG (CUG) codon, results in the production of two different isoforms, that have different subcellular localization.</p> <p>Quintrell N., Mol. Cell. Biol. 7:2267-2275(1987) [PubMed: 3496523].</p> <p>Ziegler S.F., Mol. Cell. Biol. 7:2276-2285(1987) [PubMed: 3453117].</p> <p>Ota T., Nat. Genet. 36:40-45(2004) [PubMed: 14702039].</p> <p>Aliases: Bmk antibody, Hck 1 antibody, Hck antibody, HCK_HUMAN antibody, Hemopoietic cell kinase antibody, JTK9 antibody, p59-HCK/p60-HCK antibody, p59Hck antibody, p59HCK/p60HCK antibody, p61Hck antibody, Tyrosine protein kinase HCK antibody, Tyrosine-protein kinase HCK antibody</p>
UniProt:	P08631
Pathways:	Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Regulation of Actin Filament Polymerization , CXCR4-mediated Signaling Events , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	WB:1:500-1:1000,
Restrictions:	For Research Use only

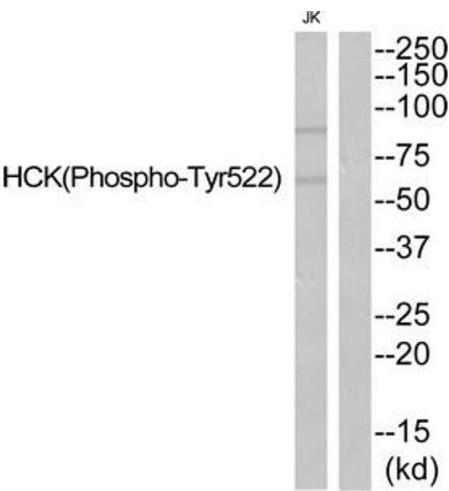
Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C

Handling

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

Image 1. Western blot analysis of extracts from JurKat cells using HCK (Phospho-Tyr522) Antibody. The lane on the right is treated with the antigen-specific peptide.