

Datasheet for ABIN652384  
**anti-HCK antibody (N-Term)**



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2 Images

## Overview

Quantity:	400 µL
Target:	HCK
Binding Specificity:	AA 131-156, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HCK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This HCK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 131-156 amino acids from the N-terminal region of human HCK.
Clone:	RB20667
Isotype:	Ig Fraction
Predicted Reactivity:	Pr, M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	HCK
Alternative Name:	HCK ( <a href="#">HCK Products</a> )

## Target Details

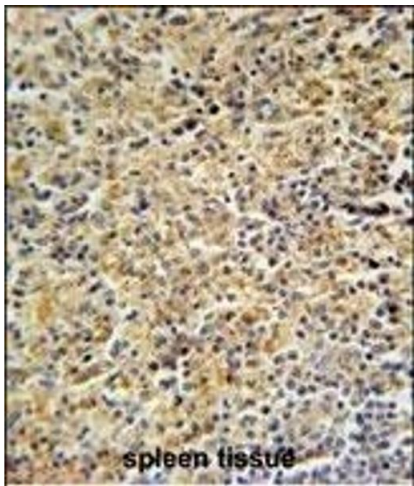
Background:	HCK is a member of the Src family of tyrosine kinases. This protein is primarily hemopoietic, particularly in cells of the myeloid and B-lymphoid lineages. It may help couple the Fc receptor to the activation of the respiratory burst. In addition, it may play a role in neutrophil migration and in the degranulation of neutrophils. Multiple isoforms with different subcellular distributions are produced due to both alternative splicing and the use of alternative translation initiation codons, including a non-AUG (CUG) codon. [provided by RefSeq].
Molecular Weight:	59600
Gene ID:	3055
NCBI Accession:	<a href="#">NP_001165600</a> , <a href="#">NP_001165601</a> , <a href="#">NP_001165602</a> , <a href="#">NP_001165604</a> , <a href="#">NP_002101</a>
UniProt:	<a href="#">P08631</a>
Pathways:	<a href="#">Activation of Innate immune Response</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">Thromboxane A2 Receptor Signaling</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

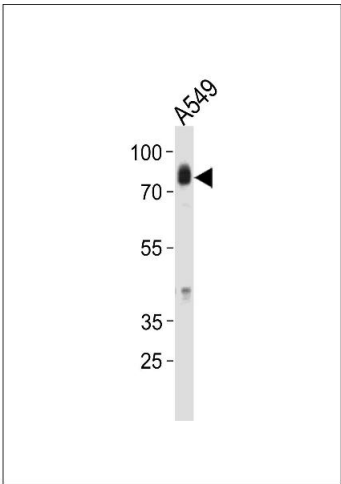
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** HCK Antibody (N-term) (ABIN652384 and ABIN2841853) immunohistochemistry analysis in formalin fixed and paraffin embedded human spleen tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the HCK Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



**Western Blotting**

**Image 2.** HCK Antibody (N-term) (ABIN652384 and ABIN2841853) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the HCK antibody detected the HCK protein (arrow).