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Datasheet for ABIN3022864 anti-HCK antibody (AA 1-220)

Images

Characteristics:

Purification:



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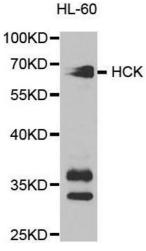
Overview		
Quantity:	100 μL	
Target:	HCK	
Binding Specificity:	AA 1-220	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This HCK antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)	
Product Details		
lmmunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human HCK (NP_001165600.1).	
Sequence:	MGCMKSKFLQ VGGNTFSKTE TSASPHCPVY VPDPTSTIKP GPNSHNSNTP GIREAGSEDI IVVALYDYEA IHHEDLSFQK GDQMVVLEES GEWWKARSLA TRKEGYIPSN YVARVDSLET EEWFFKGISR KDAERQLLAP GNMLGSFMIR DSETTKGSYS LSVRDYDPRQ GDTVKHYKIR TLDNGGFYIS PRSTFSTLQE LVDHYKKGND GLCQKLSVPC	
lsotype:	IgG	
Cross-Reactivity:	Human	
01		

Polyclonal Antibodies

Affinity purification

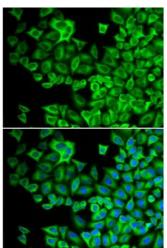
Target Details

Target:	HCK
Alternative Name:	HCK (HCK Products)
Background:	The protein encoded by this gene 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.,HCK,JTK9,p59Hck,p61Hck,Signal Transduction,G protein signaling,G2/M DNA Damage Checkpoint,Kinase,Tyrosine kinases,Immunology & Inflammation,HCK
Molecular Weight:	57 kDa/59 kDa
Gene ID:	3055
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 - 1:2000,IHC,1:50 - 1:200,IF,1:10 - 1:100
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of HL-60 cell lines, using HCK antibody.



Immunofluorescence

Image 2. Immunofluorescence analysis of A549 cell using HCK antibody. Blue: DAPI for nuclear staining.