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Datasheet for ABIN516368 anti-HCK antibody (AA 1-505)

5 Images



Overview

Quantity:	100 µg
Target:	НСК
Binding Specificity:	AA 1-505
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HCK antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human HCK protein.
Immunogen:	HCK (ENSP00000365012, 1 a.a. ~ 505 a.a) full-length human protein.
Sequence:	MGCMKSKFLQ VGGNTFSKTE TSASPHCPVY VPDPTSTIKP GPNSHNSNTP GIREAGSEDI
	IVVALYDYEA IHHEDLSFQK GDQMVVLEES GEWWKARSLA TRKEGYIPSN YVARVDSLET
	EEWFFKGISR KDAERQLLAP GNMLGSFMIR DSETTKGSYS LSVRDYDPRQ GDTVKHYKIR
	TLDNGGFYIS PRSTFSTLQE LVDHYKKGND GLCQKLSVPC MSSKPQKPWE KDAWEIPRES
	LKLEKKLGAG QFGEVWMATY NKHTKVAVKT MKPGSMSVEA FLAEANVMKT LQHDKLVKLH
	AVVTKEPIYI ITEFMAKGSL LDFLKSDEGS KQPLPKLIDF SAQIAEGMAF IEQRNYIHRD
	LRAANILVSA SLVCKIADFG LARVIEDNEY TAREGAKFPI KWTAPEAINF GSFTIKSDVW
	SFGILLMEIV TYGRIPYPGM SNPEVIRALE RGYRMPRPEN CPEELYNIMM RCWKNRPEER
	PTFEYIQSVL DDFYTATESQ YQQQP

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Product Details

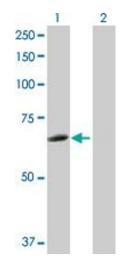
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	НСК
Alternative Name:	HCK (HCK Products)
Background:	Full Gene Name: hemopoietic cell kinase Synonyms: JTK9
Gene ID:	3055
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:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

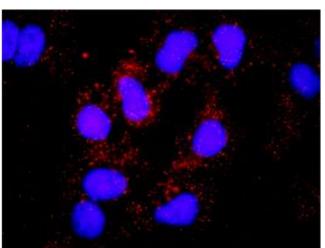


Western Blotting

Image 1. Western Blot analysis of HCK expression in transfected 293T cell line by HCK MaxPab polyclonal antibody.

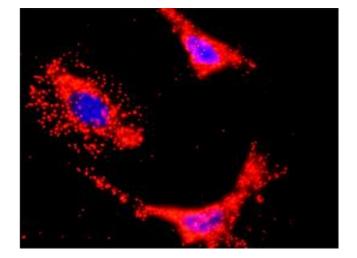
Lane 1: HCK transfected lysate(57.30 KDa).

Lane 2: Non-transfected lysate.



Proximity Ligation Assay

Image 2. Proximity Ligation Analysis of protein-protein interactions between HCK and SOS1. Huh7 cells were stained with anti-HCK rabbit purified polyclonal 1:1200 and anti-SOS1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Proximity Ligation Assay

Image 3. Proximity Ligation Analysis of protein-protein interactions between HCK and PIK3CB. HeLa cells were stained with anti-HCK rabbit purified polyclonal 1:1200 and anti-PIK3CB mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Please check the product details page for more images. Overall 5 images are available for ABIN516368.

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