



## Rabbit Anti-phospho-Hck (Tyr411) antibody

SL16384R

<b>Product Name:</b>	phospho-Hck (Tyr411)
<b>Chinese Name:</b>	磷酸化造血细胞激酶抗体
<b>Alias:</b>	Hck (phospho Y411); Hck (phospho Tyr411); Bmk; Hck 1; Hemopoietic cell kinase; Hemopoietic cell kinase isoform p59 Hck; JTK 9; JTK9; MGC 18625; MGC18625; p59 HCK/p60 HCK; p59HCK/p60HCK; Tyrosine protein kinase HCK; HCK_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Cow,Horse,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	59kDa
<b>Cellular localization:</b>	The nucleuscytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthesised phosphopeptide derived from human Hck around the phosphorylation site of Tyr411:NE(p-Y)TA
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	HCK is a tyrosine kinase that is predominantly expressed in hemopoietic cell types. 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.

**Function:**

May serve as part of a signaling pathway coupling the Fc receptor to the activation of the respiratory burst. May also contribute to neutrophil migration and may regulate the degranulation process of neutrophils.

**Subunit:**

Interacts (via SH2 domain) with FLT3 (tyrosine phosphorylated). Interacts with VAV1, WAS and RAPGEF1. Interacts (via SH3 domain) with HIV-1 Nef and Vif. This interaction stimulates its tyrosine-kinase activity. Interacts (via SH3 domain) with HEV ORF3 protein. Interacts with ARRB1 and ARRB2. Interacts with ADAM15. Interacts with FASLG. Interacts with CBL. Interacts with FCGR1A; the interaction may be indirect. Interacts with IL6ST. Interacts (via SH3 domain) with ELMO1. Interacts (via SH3 domain) with TP73. Interacts with YAP1. Interacts with ABL1 and ITGB1, and thereby recruits ABL1 to activated ITGB1.

**Subcellular Location:**

Membrane. Cytoplasm. At least half of this isoform is found in the cytoplasm, some of this fraction is myristoylated and Membrane. Membrane > caveola. 20% of this isoform is associated with caveolae, this association depends on palmitoylation of cyteine at position 3.

**Tissue Specificity:**

Detected in monocytes and neutrophils (at protein level). Expressed predominantly in cells of the myeloid and B-lymphoid lineages. Highly expressed in granulocytes. Detected in tonsil.

**Similarity:**

Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily. Contains 1 protein kinase domain. Contains 1 SH2 domain. Contains 1 SH3 domain.

**SWISS:**

P08631

**Gene ID:**

3055

**Database links:**

[Entrez Gene: 3055](#) Human

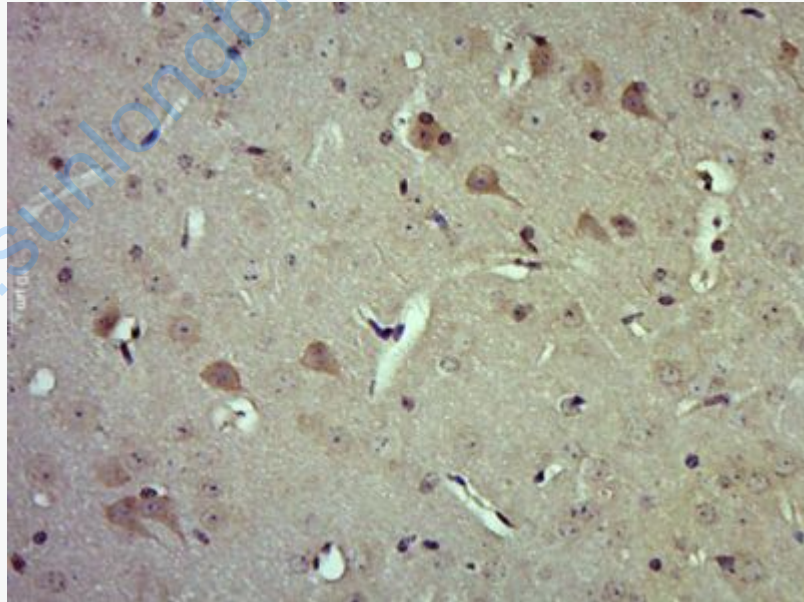
[Entrez Gene: 15162](#) Mouse

[Entrez Gene: 25734](#) Rat  
[Omin: 142370](#) Human  
[SwissProt: P08631](#) Human  
[SwissProt: P08103](#) Mouse  
[SwissProt: P50545](#) Rat  
[Unigene: 655210](#) Human  
[Unigene: 715](#) Mouse  
[Unigene: 10945](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Picture:**



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-Hck(Tyr411)) Polyclonal Antibody,

	Unconjugated (SL16384R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.
--	---

[www.sunlongbiotech.com](http://www.sunlongbiotech.com)