

产品名称: Hck (phospho Tyr410) Rabbit Polyclonal Antibody
产品货号: AP Rab04758



产品概述 (Summary)

产品名称 (Production Name)	Hck (phospho Tyr410) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	HCK
别名 (Alternative Names)	HCK; Tyrosine-protein kinase HCK; Hematopoietic cell kinase; Hemopoietic cell kinase; p59-HCK/p60-HCK; p59Hck; p61Hck
基因 ID (Gene ID)	3055.0
蛋白 ID (SwissProt ID)	P08631. The antiserum was produced against synthesized peptide derived from human HCK around the phosphorylation site of Tyr410. AA range: 381-430

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:200-1:1000, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	

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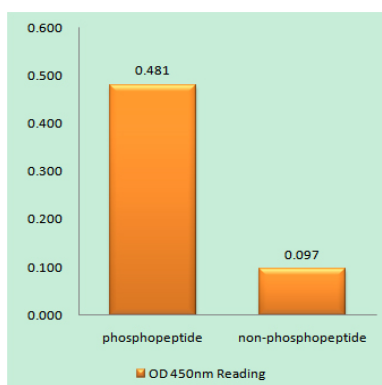
研究背景 (Background)

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. [provided by RefSeq, Feb 2010], catalytic activity: ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate, domain: The SH3 domain mediates binding to HIV-1 Nef, 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, PTM: Isoform p59-HCK contains a N-myristoyl glycine at position 3 (By similarity). Isoform p59-HCK contains a S-palmitoyl cysteine at position 3, similarity: Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily, similarity: Contains 1 protein kinase domain, similarity: Contains 1 SH2 domain, similarity: Contains 1 SH3 domain, subunit: May interact (via SH3 domain) with HIV-1 Nef and Vif. This interaction would stimulate its tyrosine-kinase activity. Interacts (via SH3 domain) with HEV ORF3 protein, tissue specificity: Expressed predominantly in cells of the myeloid and B-lymphoid lineages,

研究领域 (Research Area)

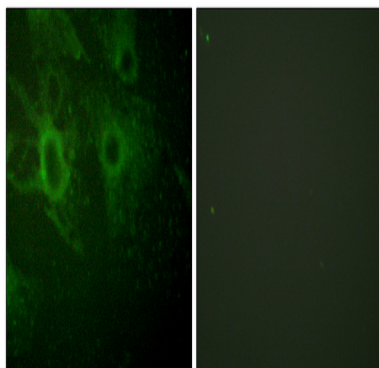
Chemokine; Fc gamma R-mediated phagocytosis;

图片 (Image Data)



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using HCK (Phospho-Tyr410) Antibody

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Immunofluorescence analysis of HeLa cells, using HCK (Phospho-Tyr410) Antibody. The picture on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only .