HCK (Phospho-Tyr522) Antibody

Catalog No: #11822

Package Size: #11822-1 50ul #11822-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

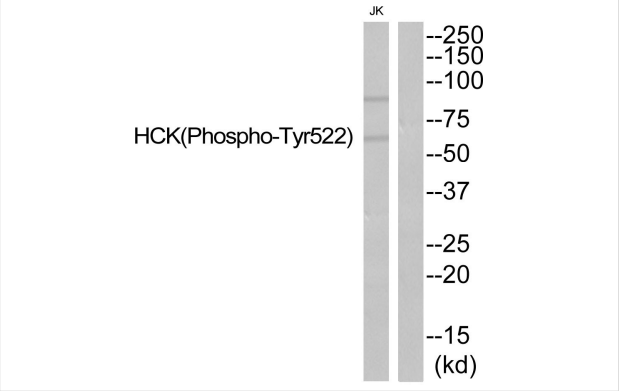
Description

Product Name	HCK (Phospho-Tyr522) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of HCK only when phosphorylated at tyrosine 522.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 522(S-Q-Y(p)-Q-Q) derived from Human HCK .
Target Name	HCK
Modification	Phospho
Other Names	p59-HCK/p60-HCK; Hemopoietic cell kinas; Tyrosine-protein kinase HCK;
Accession No.	Swiss-Prot#: P08631; NCBI Gene#: 3055; NCBI Protein#: NP_002101.2.
SDS-PAGE MW	60kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from JurKat cells using HCK (Phospho-Tyr522) Antibody #11822.The lane on the right is treated with the antigen-specific peptide.

Background

The protein encoded by this gene is a protein-tyrosine kinase that is predominantly expressed in hemopoietic cell types. The encoded protein 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. Alternate translation initiation site usage, including a non-AUG (CUG) codon, results in the production of two different isoforms, that have different subcellular localization.

Quintrell N., Mol. Cell. Biol. 7:2267-2275(1987) [PubMed: 3496523].

Ziegler S.F.,Mol. Cell. Biol. 7:2276-2285(1987) [PubMed: 3453117].

Ota T., Nat. Genet. 36:40-45(2004) [PubMed: 14702039].

Note: This product is for in vitro research use only and is not intended for use in humans or animals.