

## Product datasheet for **AP55839PU-S**

### HCK pTyr521 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>Western blot:</b> 1:500~1:1000.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of tyrosine 521(E-S-Q(p)-Y-Q) derived from Human HCK (KLH-conjugated)
Specificity:	The antibody detects endogenous levels of HCK only when phosphorylated at tyrosine 521.
Formulation:	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography using epitope-specific peptide
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	60 kDa
Gene Name:	HCK proto-oncogene, Src family tyrosine kinase
Database Link:	<a href="#">Entrez Gene 3055 Human P08631</a>



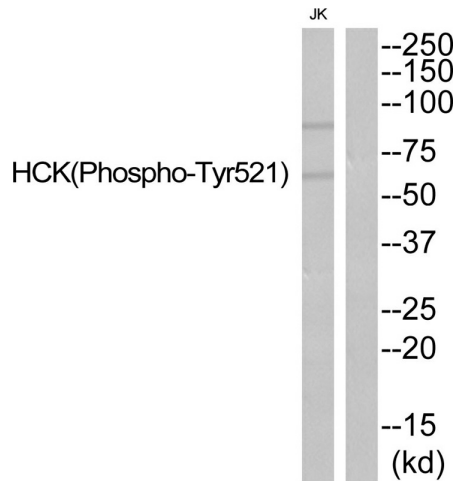
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**Background:**

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.

**Synonyms:**

Hemopoietic cell kinase, p59-HCK, p60-HCK, BMK, p56-HCK

**Product images:**


Western blot analysis of extracts from JurKat cells using HCK (Phospho-Tyr521) Antibody. The lane on the right is treated with the antigen-specific peptide.