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20°C. Do not aliquot the antibody. Specificity / Sensitivity Hck Antibody detects endogenous levels of total Hck protein. This antibody does not cross-react with family members Src. Lyn and Fyn. Source / Purification Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to amino-terminal residues of human Hck. Antibodies are purified by protein A and peptide affinity chromatography Background The hematopoietic cell kinase (Hck) is a Src family protein tyrosine kinase that is prominently expresse lymphoid and myeloid lineages of hematopoiesis (1). The Hck kinase participates in transduction of a variety of extracellular signals that affect cellular processes, including cell proliferation, differentiation, a migration. Hck protein structure includes a relatively divergent amino-terminal "unique" domain (SH3) and 2 (SH2) domains, and a tyrosine kinase catalytic domain are adjacent to the "unique" domain Research studies indicate that phosphorylation of conserved tyrosine residues positively and negatively regulate Hck catalytic activity. Phosphorylation of Hck at the conserved, carboxy-terminal Tyr439 by pre kinase Catalytic activity. Phosphorylation of the studies in constitutive activation of Hck. Autophosphorylation of Ther regulatory tyrosine-SH2 domain interaction and autophosphorylation, the replates Hck catalytic activity. Thus the activation of Hck requires bud disruption of the regulatory tyrosine-SH2 domain interaction and autophosphorylation of the catalytic activity. Supplementary and the structure is the activation of Hck requires bud disruption of the regulatory tyrosine-SH2 domain interaction and autophosphorylation of the catalytic activity. Thus the activation of Hck requires bud disruption of the regulatory tyrosine-SH2 domain interaction and autophosphorylation	Applications: WB	Reactivity: H M Mk	Sensitivity: Endogenous	MW (kDa): 61	Source: Rabbit	UniProt ID: #P08631	Entrez-Gene Id 3055			
Storage Supplied in 10 m Sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at 20°C. Do not aliquot the antibody. Specificity / Sensitivity Hck Antibody detects endogenous levels of total Hck protein. This antibody does not cross-react with family members 3rc, Lyn and Fyn. Source / Purification Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to animo-terminal residues of human Hck. Antibodies are purified by protein A and peptide affinity chromatography Background The hematopoietic cell kinase (Hck) is a Src family protein tyrosine kinase that is prominently expresse lymphoid and myeloid lineages of hematopoiesis (1). The Hck kinase participates in transduction of a variety of extracellular signals that affect cellular processes, including cell proliferation, differentiation, a migration. Hck protein structure includes a relatively divergent annio-terminal "unique" domain that is subject to post-translational lipid modifications and targets Hck to no replasma methyler. Yet 90 by regulate Hck to attalytic activation of the regulatory divergent annio-tervel, crassing endities and the conserved crassine and the SH2 domain, render inclusion positively regulates Hck to the Catalytic activation of Hck. Autgohosphorylation of the kinase domain positively regulates Hck catalytic activation of Hck. Autgohosphorylation of Hck Industry constitutive activation of Hck. Autgohosphorylation of Hck Heinase domain (2.3). The dysfunction dysregulation of Hck requires both disruption of the regulatory tyrosine and the SH2 domain, render in Hck inactive. Disruption or this interaction brough dephosphorylation of Hck. Hoc atalytic activation of Hck. Autgohosphorylation of Hck In eathogeneous of some human forms of leukemia (4). Background		-	-							
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X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expectedTrademarks and PatentsCell Signaling Technology is a trademark of Cell Signaling Technology, Inc. All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for more information.	Applications Key	WB:	WB: Western Blotting							
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Hck Antibody (#4352) Datasheet Without Images Cell Signaling Technology

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