

Product datasheet for **TA349335S**

HCK Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: A549 cells IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human HCK
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	60 kDa
Gene Name:	HCK proto-oncogene, Src family tyrosine kinase
Database Link:	NP_002101 Entrez Gene 15162 MouseEntrez Gene 25734 RatEntrez Gene 3055 Human P08631

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.



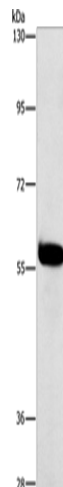
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Synonyms: JTK9

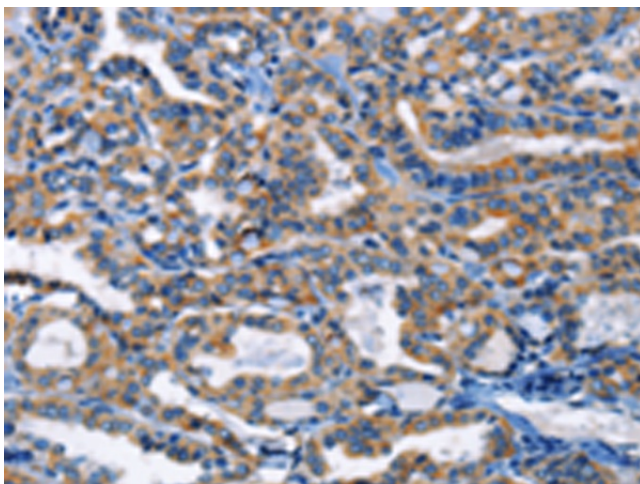
Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Chemokine signaling pathway, Fc gamma R-mediated phagocytosis

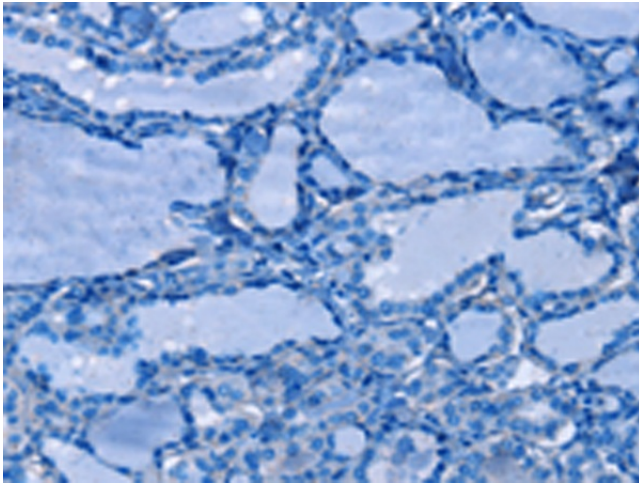
Product images:



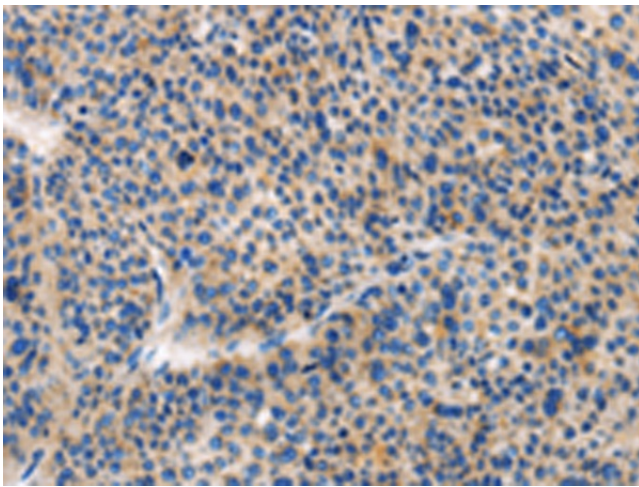
Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: A549 cells
Primary antibody: [TA349335] (HCK Antibody) at dilution 1/450
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 15 seconds



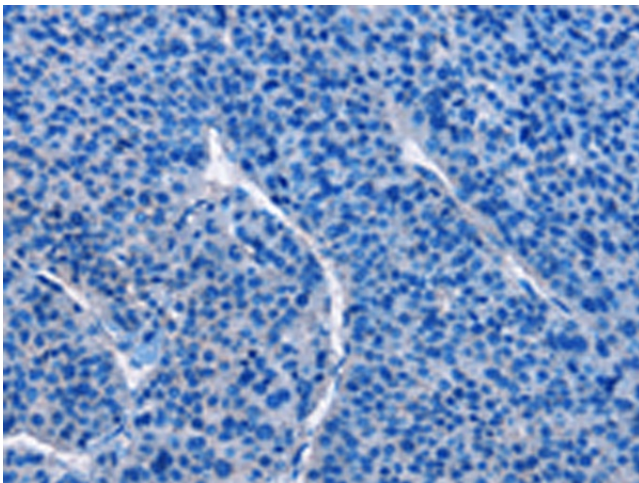
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA349335] (HCK Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA349335] (HCK Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA349335] (HCK Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA349335] (HCK Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)