

Product datasheet for **TA350751**

IKK alpha (CHUK) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Hela cells IHC: 25-100 Positive control: Human gastric cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human CHUK
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
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:	85 kDa
Gene Name:	conserved helix-loop-helix ubiquitous kinase
Database Link:	NP_001269 Entrez Gene 12675 Mouse Entrez Gene 1147 Human O15111
Background:	This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquitination pathway, thereby activating the transcription factor.



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Synonyms: IKBKA; IKK-alpha; IKK1; IKKA; NFKBIKA; TCF16

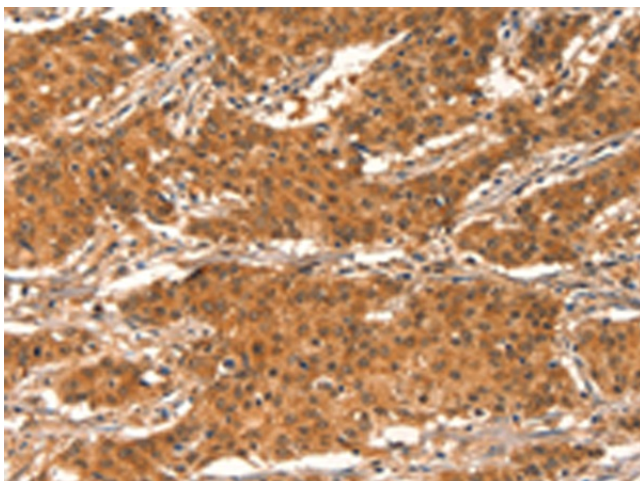
Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Acute myeloid leukemia, Adipocytokine signaling pathway, Apoptosis, B cell receptor signaling pathway, Chemokine signaling pathway, Chronic myeloid leukemia, Cytosolic DNA-sensing pathway, Epithelial cell signaling in Helicobacter pylori infection, MAPK signaling pathway, NOD-like receptor signaling pathway, Pancreatic cancer, Pathways in cancer, Prostate cancer, RIG-I-like receptor signaling pathway, Small cell lung cancer, T cell receptor signaling pathway, Toll-like receptor signaling pathway

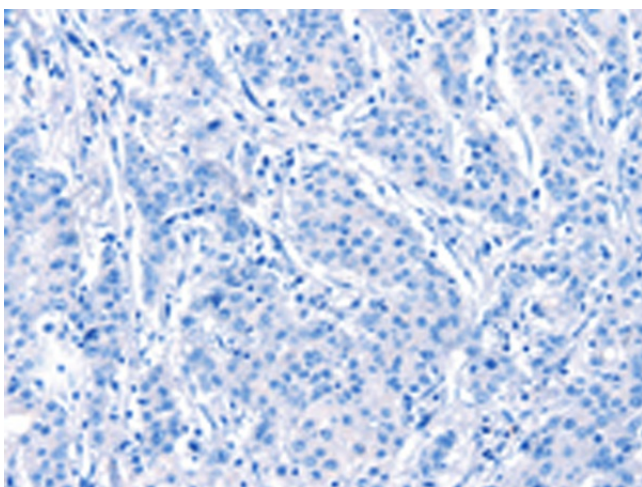
Product images:



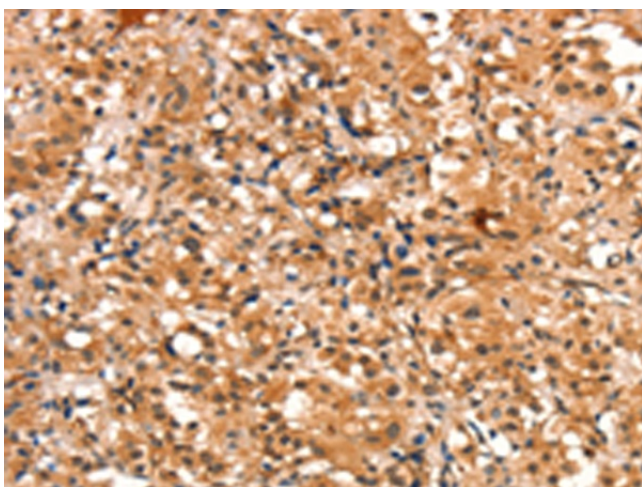
Gel: 6%SDS-PAGE
Lysate: 50 µg
Lane: HeLa cells
Primary antibody: TA350751 (CHUK Antibody) at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 minutes



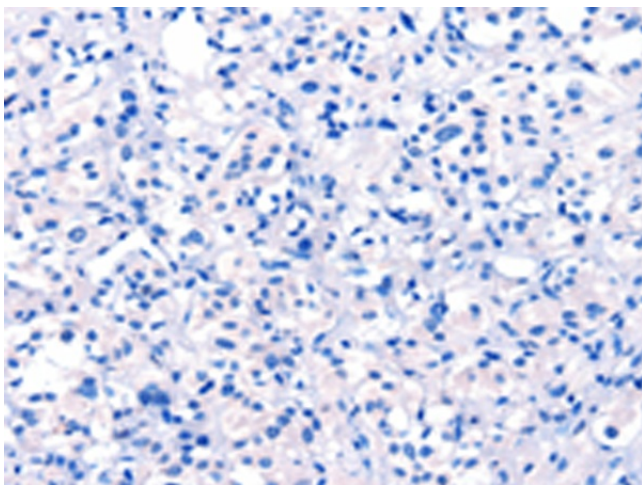
Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA350751 (CHUK Antibody) at dilution 1/15 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA350751 (CHUK Antibody) at dilution 1/15, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA350751 (CHUK Antibody) at dilution 1/15 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA350751 (CHUK Antibody) at dilution 1/15, treated with synthetic peptide. (Original magnification: ×200)