

Product datasheet for **TA350902S**

Aurora C (AURKC) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse testis tissue and hela cells, human liver cancer and A375 cells, 293T cells IHC: 15-50 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human AURKC
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:	36 kDa
Gene Name:	aurora kinase C
Database Link:	NP_003151 Entrez Gene 20871 Mouse Entrez Gene 6795 Human Q9UQB9



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Background:

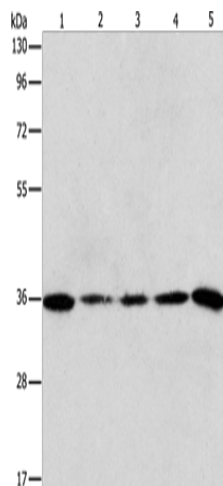
This gene encodes a member of the Aurora subfamily of serine/threonine protein kinases. The encoded protein is a chromosomal passenger protein that forms complexes with Aurora-B and inner centromere proteins and may play a role in organizing microtubules in relation to centrosome/spindle function during mitosis. This gene is overexpressed in several cancer cell lines, suggesting an involvement in oncogenic signal transduction. Alternative splicing results in multiple transcript variants.

Synonyms:

AIE2; AIK3; ARK3; AurC; aurora-C; HEL-S-90; SPGF5; STK13

Protein Families:

Druggable Genome, Protein Kinase

Product images:


Gel: 10%SDS-PAGE

Lysate: 40 μ g

Lane 1-5: Mouse testis tissue

hela cells

human liver cancer tissue

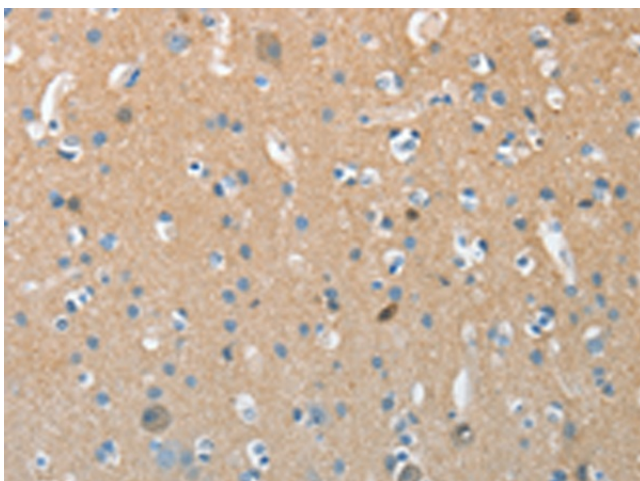
A375 cells

293T cells

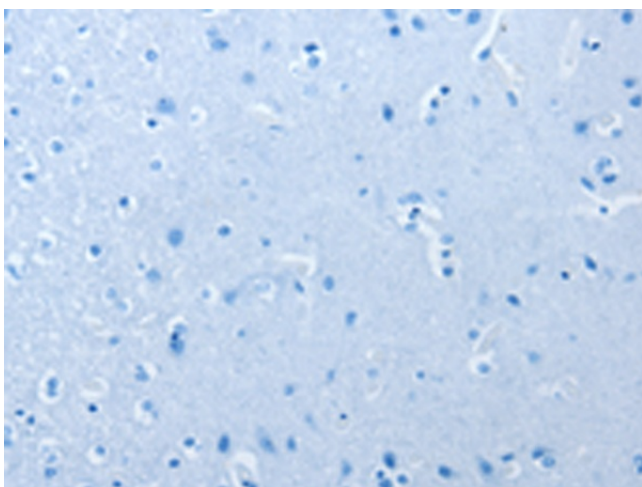
Primary antibody: [TA350902] (AURKC Antibody) at dilution 1/150

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA350902] (AURKC Antibody) at dilution 1/15 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA350902] (AURKC Antibody) at dilution 1/15, treated with synthetic peptide. (Original magnification: $\times 200$)