antibodies -online.com





anti-Aurora Kinase C antibody (pThr202, pThr236)



Image



Overview

Quantity:	100 μL
Target:	Aurora Kinase C (AURKC)
Binding Specificity:	pThr202, pThr236
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aurora Kinase C antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

1. Todade Betano		
lmmunogen:	Peptide sequence around phosphorylation site of threonine 236/202 (C-G-T(p)-L-D) derived from Human AurB/C.	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi	

Target Details

Target:	Aurora Kinase C (AURKC)
Alternative Name:	AURKC (AURKC Products)

Target Details

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Background: Serine/threonine-protein kinase component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. Plays also a role in meiosis and more particularly in spermatogenesis. Has redundant cellular functions with AURKB and can rescue an AURKB knockdown. Like AURKB, AURKC phosphorylates histone H3 at 'Ser-10' and 'Ser-28'. Phosphorylates TACC1, another protein involved in cell division, at 'Ser-228'.

Aliases: AURKC antibody, AIE 2 antibody, Aie1 antibody, AIE2 antibody, AIK 3 antibody, AIK3 antibody, ARK 3 antibody, ARK-3 antibody, ARK3 antibody, Aur C antibody, AurC antibody, Aurkc antibody, AURKC_HUMAN antibody, aurora 3 antibody, Aurora C antibody, Aurora kinase C antibody, aurora related kinase 3 antibody, Aurora-related kinase 3 antibody, Aurora/IpI1 related kinase 3 antibody, Aurora/IpI1-related kinase 3 antibody, Aurora/IpI1/Eg2 protein 2 antibody, EC 2.7.11.1 antibody, Serine threonine protein kinase 13 antibody, serine/threonine kinase 13 (aurora/IPL1 like) antibody, Serine/threonine-protein kinase aurora C antibody, SPGF5 antibody, STK13 antibody

UniProt:

Q9UQB9

Pathways:

Cell Division Cycle, Maintenance of Protein Location

Application Details

Application Notes:

IHC:1:50-1:100,

Restrictions:

For Research Use only

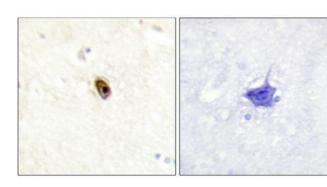
Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C

Storage Comment:

Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffinembedded human brain tissue using AurB/C (Phospho-Thr236/202) antibody. The picture on the right is treated with the synthesized peptide.