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anti-Aurora Kinase C antibody (N-Term)



Image



Overview

Overview	
Quantity:	100 μL
Target:	Aurora Kinase C (AURKC)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aurora Kinase C antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	

Immunogen:	A synthesized peptide derived from human AurB/C, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	AurB/C Antibody detects endogenous levels of total AurB/C.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

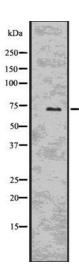
Target Details

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

Target Details	
Background:	Description: 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'. AURKC phosphorylates the CPC
	complex subunits BIRC5/survivin and INCENP leading to increased AURKC activity.
	Phosphorylates TACC1, another protein involved in cell division, at 'Ser-228'.
	Gene: AURKC
Molecular Weight:	36 kDa
Gene ID:	6795
UniProt:	Q9UQB9
Pathways:	Cell Division Cycle, Maintenance of Protein Location
Application Details	
Application Notes:	WB 1:1000-3000, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , 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
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of AURKC using K562 whole lysates.