antibodies

# Datasheet for ABIN6242197 anti-Aurora Kinase C antibody (C-Term)





Overview

Quantity:	400 µL
Target:	Aurora Kinase C (AURKC)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aurora Kinase C antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This Aurora-C (AURKC) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region with lysine at position 255 of human AURKC.
Clone:	RB0881
lsotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

#### Target Details

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

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### Target Details

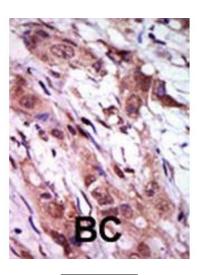
Background:	Chromosomal segregation during mitosis as well as meiosis is regulated by kinases and
	phosphatases. The Aurora kinases, members of the Ser/Thr protein kinase family, associate
	with microtubules during chromosome movement and segregation. Aurora kinase C may play a
	part in organizing microtubules in relation to the function of the centrosome/spindle pole during
	mitosis. This protein is localized to centrosome from anaphase to cytokinesis. Expression is
	limited to testis in normal cells. Elevated expression levels are seen only in a subset of cancer
	cells such as HepG2, HuH7 and HeLa cells. Aurora-C expression is maximum at M phase.
Molecular Weight:	35591
NCBI Accession:	NP_001015878, NP_001015879, NP_003151
NCBI Accession: UniProt:	
	NP_001015878, NP_001015879, NP_003151

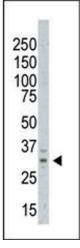
### Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Expiry Date:	6 months





#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

#### Western Blotting

**Image 2.** The anti-AURKC Pab (ABIN6242197 and ABIN6578977) is used in Western blot to detect AURKC in cell lysate

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