

Datasheet for ABIN5557420
anti-Aurora Kinase B antibody



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1 Image

Overview

Quantity:	100 µL
Target:	Aurora Kinase B (AURKB)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Aurora Kinase B antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	Recombinant human Aurora B protein, around N-terminal 150aa.
Clone:	1G9
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Aurora Kinase B (AURKB)
Alternative Name:	Aurora B (AURKB Products)
Background:	Synonyms: Aurora B phospho Y12, Aurora B phospho T12, AIK2, AIM1, ARK2, AurB, AURKB, Aurora 1, Aurora and Ipl1 like midbody associated protein 1, Aurora kinase B, Aurora related

Target Details

kinase 2, Aurora-B, Aurora/IPL1 related kinase 2, IPL1, Serine/threonine kinase 12, Serine/threonine protein kinase 12, STK1, STK12, STK5.

Background: Mahogany (MG), originally identified as a protein involved in pigmentation, acts in conjunction with melanocortin receptors to suppress diet-induced obesity. Mahogany contains a single transmembrane domain, and it is expressed in a broad range of tissues, including the hypothalamus and pigment cells. Mutations within the mahogany gene were shown to rescue agouti-lethal-yellow mutant mice from obesity. The extracellular domain of mouse mahogany is the ortholog of the human protein attractin. Attractin (also designated DPPT-L) is a human serum glycoprotein and is a member of the CUB family of cell adhesion and guidance proteins. Attractin is expressed on activated T cells and is released from the cells 48 to 72 hours after activation.

Gene ID:	9212
UniProt:	Q96GD4
Pathways:	TCR Signaling , Cell Division Cycle , Maintenance of Protein Location , Hepatitis C , Toll-Like Receptors Cascades

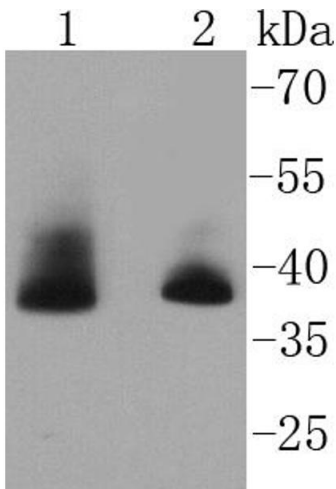
Application Details

Application Notes:	WB 1:300-5000 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



Western Blotting

Image 1. Lane 1: Hela, Lane 2: MCF-7 cell lysate probed with Aurora B (1G9) Monoclonal Antibody at 1:1000 overnight at 4°C. Followed by a conjugated secondary antibody.