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Overview

Quantity:	100 μL
Target:	Aurora A (AURKA)
Reactivity:	Human, Mouse, Rat, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aurora A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Auroa A
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Pig, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Aurora A (AURKA)
Alternative Name:	Aurora A (AURKA Products)
Background:	Synonyms: Aurora A Thr288, p-Aurora AT288, AIK, ARK-1, ARK1, AURA, AURKA, Aurora 2, Aurora A, Aurora Family Kinase 1, aurora kinase A, Aurora Related Kinase 1, Aurora-
	related kinase 1, Aurora/IPL1 Like Kinase, Aurora/IPL1 Related Kinase 1, Aurora/IPL1-related

kinase 1, AURORA2, AYK1, BRAK, Breast Tumor Amplied Kinase, Breast tumor-amplied kinase, BTAK, hARK1, IAK, IPL1 Aurora Related Kinase 1, IPL1 Related Kinase, MGC34538, OTTHUMP00000031340, OTTHUMP00000031341, OTTHUMP00000031342, OTTHUMP00000031343, OTTHUMP00000031344, OTTHUMP00000031345, OTTHUMP00000166071, OTTHUMP00000166072, PPP1R47, Protein phosphatase 1, regulatory subunit 47, Serine/threonine kinase 15, Serine/threonine kinase 6, Serine/threonine-protein kinase, Serine/threonine-protein kinase 15, Serine/threonine-protein kinase 6, Serine/threonine-protein kinase aurora-A, STK15, STK6, STK6_HUMAN, STK7. Background: Aurora A plays a role in cell cycle regulation during anaphase and/or telophase, in relation to the function of the centrosome/spindle pole region during chromosome segregation. Aurora A plays a key role during tumor development and progression and is overexpressed in many human cancers including breast, ovarian and colorectal. Aurora A is viewed as a potential target for anticancer drug treatment.

Molecular Weight: 48kDa

Gene ID: 6790

Cell Division Cycle, Asymmetric Protein Localization

Application Details

Application Notes: WB(1:100-500)

Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

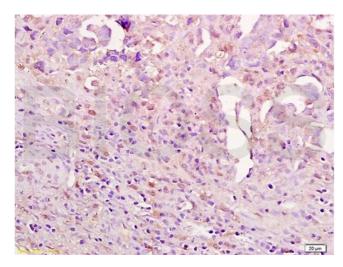
Pathways:

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % 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:	-20 °C
Storage Comment:	Store at -20°C for 12 months.

Expiry Date:

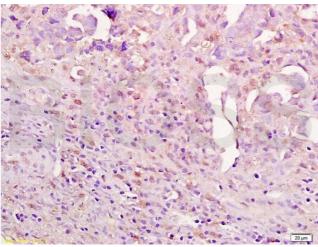
12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human lung carcinoma labeled with Anti-Aurora A/ARK-1/AURKA Polyclonal Antibody, Unconjugated (ABIN750053) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human ovarian carcinoma labeled with Anti-Aurora A/ARK-1/AURKA Polyclonal Antibody, Unconjugated (ABIN750053) at 1:200 followed by conjugation to the secondary antibody and DAB staining.