

Nur für Forschungszwecke

AURKA Monoklonaler Antikörper

Katalog-Nr.:66757-1-Ig

Vorgestelltes Produkt

9 Publikationen



Allgemeine Informationen

Katalog-Nr.:
66757-1-Ig

Größe:
150ul, Konzentration: 1356 µg/ml von6790
Nanodrop und 1000 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Maus

Isotyp:
IgG3

Immunogen Katalognummer:
AG20096

GenBank-Zugangsnummer:
BC002499

GeneID (NCBI):

Vollständiger Name:
aurora kinase A

Berechnete Masse:
46 kDa

Beobachtete Masse:
46-52 kDa

Reinigungsmethode:
Protein-A-Reinigung

CloneNo.:
1F4B10

Empfohlene Verdünnungen:
WB 1:1000-1:6000
IHC 1:300-1:1200
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : humanes Hodengewebe, HeLa-Zellen,
Maushodengewebe, NCCIT-Zellen,
Rattenhodengewebe

IHC : humanes Mammakarzinomgewebe,

IF : HeLa-Zellen,

Hintergrundinformationen

AURKA(Aurora kinase A), also named as STK6, STK15 or AIK, belongs to the Ser/Thr protein kinase family. This protein may play a role in cell cycle regulation during anaphase and/or telophase by being involved in microtubule formation and/or stabilization. Some recent evidence revealed that AURKA may also be implicated in tumor development and progression. AURKA is expressed highly in testis and various proliferating cells, migrating as a 46 kDa protein in SDS PAGE. Nuclear staining for AURKA is weak or nonexistent in normal tissue but strong in tumor tissue(PMID:19107951).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jing Hang	36248973	Front Oncol	WB
Xumei Liu	36292957	Int J Mol Sci	WB
Qian Long	33117697	Front Oncol	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

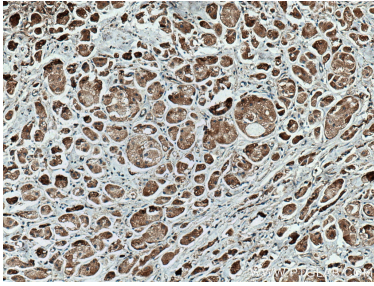
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

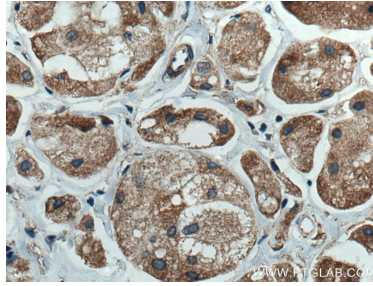
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

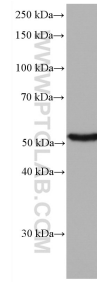
Ausgewählte Validierungsdaten



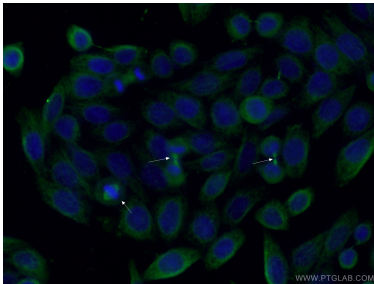
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66757-1-Ig (AURKA antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



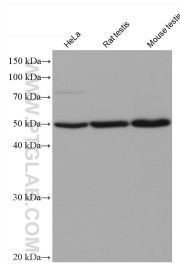
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66757-1-Ig (AURKA antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



human testis tissue were subjected to SDS PAGE followed by western blot with 66757-1-Ig (AURKA antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 66757-1-Ig (AURKA antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 66757-1-Ig (AURKA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.