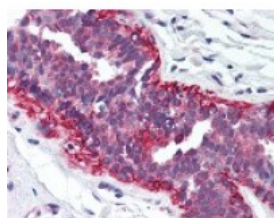




CDK4 Antibody

CATALOG NUMBER: 49-216



Immunohistochemistry staining of CDK4 in breast formlin-fixed paraffin-embedded tissue using CDK4 Antibody.

Specifications

SPECIES REACTIVITY:	Human, Mouse, Rat
TESTED APPLICATIONS:	IHC, IP, WB
APPLICATIONS:	CDK4 antibody can be used in ELISA starting at 1: 10000, Western Blot starting at 1: 500 - 1: 2000, immunohistochemistry starting at 1:200, and immunofluorescence starting at 1:200 - 1:1000.
USER NOTE:	Do not freeze
IMMUNOGEN:	CDK4 antibody was raised against a peptide mapping to the carboxy terminus of CDK4 (Mouse).
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Affinity Chromatography
PHYSICAL STATE:	Liquid
BUFFER:	Phosphate-buffered solution, pH 7.2, 0.09% sodium azide, 0.2% gelatin.
STORAGE CONDITIONS:	Store CDK4 antibody undiluted at 4 °C. Do not freeze.
CLONALITY:	Polyclonal
ISOTYPE:	IgG
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	CDK4, Cell division protein kinase 4, Crk3, Cyclin-dependent kinase 4, CMM3, p34/cdk4, PSK-J3
ACCESSION NO.:	P11802
PROTEIN GI NO.:	1168867
OFFICIAL SYMBOL:	CDK4
GENE ID:	1019

Background

BACKGROUND: CDK4, a CDC2/CDK-type protein kinase, regulates cell cycle G1 phase progression. CDK4 associates with and

is regulated by D-type cyclins and the CDK inhibitor p16 (CDKN2A). Two alternatively spliced variants have been reported. CDK4 has been shown to phosphorylate the retinoblastoma protein, and mutations in the CDK4 gene have been linked to tumorigenesis in several types of cancers, including cutaneous malignant melanoma.

FOR RESEARCH USE ONLY

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