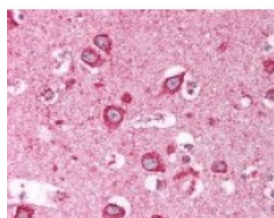




CDK2 Antibody

CATALOG NUMBER: 48-689



Immunohistochemistry staining of CDK2 in brain cortex tissue using CDK2 Antibody.

Specifications

SPECIES REACTIVITY:	Human, Mouse, Rat
TESTED APPLICATIONS:	IHC, WB
APPLICATIONS:	CDK2 antibody can be used in ELISA, and immunohistochemistry starting at 5 ug/mL.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	pThr160
IMMUNOGEN:	CDK2 antibody was raised against amino acids surrounding Thr 160 of CDK2 (Human).
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Immunoaffinity Chromatography
PHYSICAL STATE:	Liquid
BUFFER:	PBS, 0.02% sodium azide, 50% glycerol.
STORAGE CONDITIONS:	CDK2 antibody should be stored long term (months) at -80 °C and short term (days) at -20 °C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Polyclonal
ISOTYPE:	IgG
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	CDK2, CDC2, Cell division kinase 2, Cell division protein kinase 2, CDC2-related protein kinase, Cell division kinase 2, p33 protein kinase, p33(CDK2), CDKN2, Cyclin-dependent kinase 2
ACCESSION NO.:	P24941
PROTEIN GI NO.:	116051
OFFICIAL SYMBOL:	CDK2
GENE ID:	1017

Background

BACKGROUND:

Cyclin-dependent kinase 2 (CDK2), a CDC2/CDK-type protein kinase, regulates cell-cycle transition from G1 to S phase. CDK2 activation requires formation of a heterodimer with cyclin A, D, or E and phosphorylation by CAK. CDK2 inhibition results from association with p21Cip1 (CDKN1A) and p27Kip1 (CDKN1B). Two alternatively spliced variants and multiple transcription initiation sites have been reported. Inhibition of CDK2 has been suggested to help prevent chemotherapy-induced alopecia in cancer patients.

FOR RESEARCH USE ONLY

December 13, 2016