

Cdk2/Cdc2 (phospho Thr160) Polyclonal Antibody

Catalog No: #13980

Package Size: #13980-1 50ul #13980-2 100ul

Description

Product Name	Cdk2/Cdc2 (phospho Thr160) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-Cdk2/Cdc2 (T160) Polyclonal Antibody detects endogenous levels of Cdk2/Cdc2 protein only when phosphorylated at T160.
Immunogen Description	Synthesized phospho-peptide around the phosphorylation site of human Cdk2/Cdc2 (phospho Thr160)
Conjugates	Unconjugated
Other Names	CDK2; CDKN2; Cyclin-dependent kinase 2; Cell division protein kinase 2; p33 protein kinase
Accession No.	Swiss Prot:P24941GenelD:1017
SDS-PAGE MW	34
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

Background

cyclin dependent kinase 2(CDK2) Homo sapiens This gene encodes a member of a family of serine/threonine protein kinases that participate in cell cycle regulation. The encoded protein is the catalytic subunit of the cyclin-dependent protein kinase complex, which regulates progression through the cell cycle. Activity of this protein is especially critical during the G1 to S phase transition. This protein associates with and regulated by other subunits of the complex including cyclin A or E, CDK inhibitor p21Cip1 (CDKN1A), and p27Kip1 (CDKN1B). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.