CDK2(Ab-160) Antibody

Catalog No: #21111

Package Size: #21111-1 50ul #21111-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

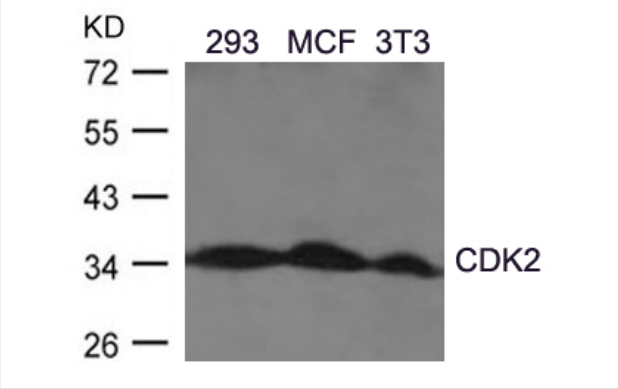
Product Name	CDK2(Ab-160) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total CDK2 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.158~162 (T-Y-T-H-E) derived from Human CDK2.
Conjugates	Unconjugated
Target Name	CDK2
Other Names	kinase Cdk2; p33 protein kinase;
Accession No.	Swiss-Prot: P24941NCBI Protein: NP_001789.2
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 34kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from 293, MCF, 3T3 cells using CDK2(Ab-160) Antibody #21111.

Background

Involved in the control of the cell cycle. Interacts with cyclins A, B1, B3, D, or E. Activity of CDK2 is maximal during S phase and G2.

Ukomadu C, et al.(2003) J Biol Chem; 278(7): 4840-6

Morris MC, et al.(2002)J Biol Chem; 277(26): 23847-53

Brown NR, et al.(1999)J Biol Chem; 274(13): 8746-56

Liu Y, et al.(2004) J Biol Chem; 279(6): 4507-14

Published Papers

el at., FAM129B/MINERVA, a novel adherens junction-associated protein, suppresses apoptosis in HeLa cells. In J Biol Chem on 2011 Mar 25 by Song Chen, Hedeel Guy Evans, et al..PMID: 21148485

, , (2011)

PMID:21148485

el at., Pro-Apoptotic Effects of JDA-202, a Novel Natural Diterpenoid, on Esophageal Cancer Through Targeting Peroxiredoxin I.In Antioxid Redox Signal on 2017 Jul 10 by Xiao-Jing Shi , Lina Ding,et al..PMID: 27650197, , (2017)

PMID:27650197

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