

p27Kip1(Ab-10)

Catalog No: #21150



Package Size: #21150-1 50ul #21150-2 100ul #21150-4 25ul

Overview

Product Name	p27Kip1(Ab-10)
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	p27Kip1
Alternative Names	CDKN1B; CDN1B; Cyclin-dependent kinase inhibitor 1B; Cyclin-dependent kinase inhibitor p27; KIP1

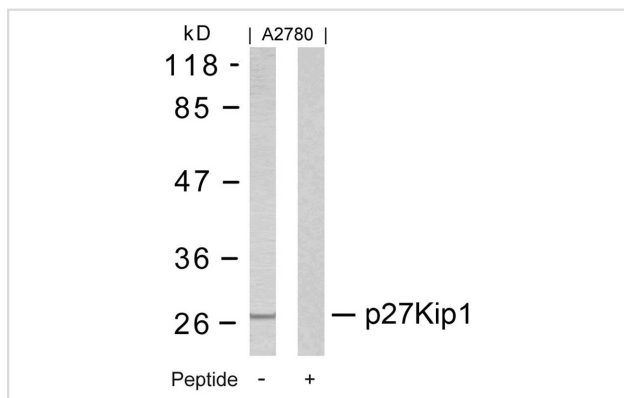
Application Details

Predicted MW: 27kd

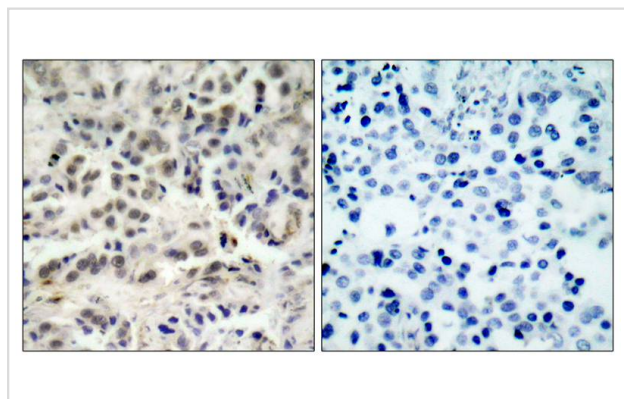
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from A2780 cells using p27Kip1(Ab-10)



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using p27Kip1(Ab-10)

Descriptions

Immunogen	Peptide sequence around aa.8~12 (N-G-S-P-S) derived from Human p27Kip1.
Specificity	The antibody detects endogenous level of total p27Kip1 protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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.
Accession NO.	Swiss-Prot: P46527NCBI Protein: NP_004055.1

Related Information

Important regulator of cell cycle progression. Involved in G1 arrest. Potent inhibitor of cyclin E- and cyclin A-CDK2 complexes. Positive regulator of cyclin D-dependent kinases such as CDK4. Regulated by phosphorylation and degradation events.

Le XF, et al. (2003)J Biol Chem.

Connor MK, et al. (2003)Mol Biol Cell; 14(1): 201-13.

McAllister SS, et al. (2003) Mol Cell Biol; 23(1): 216-28.

Chopra S, et al. (2002)J Biol Chem; 277(36): 32413-6.

Boehm M, et al. (2002)EMBO J; 21(13): 3390-401.

Published Papers

Fan Yang, Yu-Ping Xu et al., Cloning and Characterization of a Novel Intracellular Protein p48.2 that Negatively Regulates Cell Cycle Progression., The International Journal of Biochemistry & Cell Biology, 41 (11): 2240B-C2250(2009)

[PMID:19427400](#)

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