p27 Kip1 (Phospho-Thr198) Antibody

Catalog No: #12047

Package Size: #12047-1 50ul #12047-2 100ul

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

Description

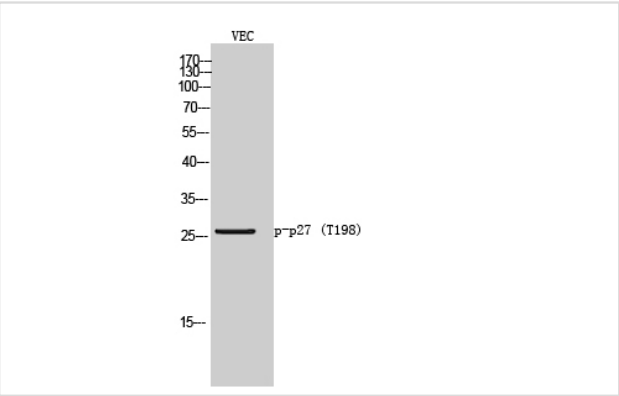
Product Name	p27 Kip1 (Phospho-Thr198) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of p27 Kip1 only when phosphorylated at Threonine 198.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Threonine 198 (R-R-R(p)-Q-T) derived from Human p27 Kip1.
Target Name	p27 Kip1
Modification	Phospho
Other Names	KIP1, MEN4, CDKN4, MEN1B, P27KIP1
Accession No.	Swiss-Prot#: P46527; NCBI Gene#: 1027; NCBI Protein#: NP_004055.1
Uniprot	P46527
GeneID	1027;
SDS-PAGE MW	27kd
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/1 year

Application Details

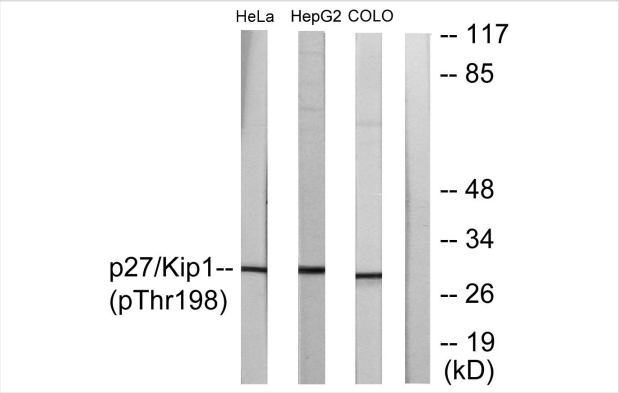
Predicted MW: 27kd

Western blotting: 1:500~1:1000

Images



Western Blot analysis of VEC cells using Phospho-p27 (T198) Polyclonal Antibody



Western blot analysis of lysates from HeLa cells, HepG2 cells and COLO cells, using p27 Kip1 (Phospho-Thr198) Antibody. The lane on the right is blocked with the phospho peptide.

Background

Important regulator of cell cycle progression. Involved in G1 arrest. Potent inhibitor of cyclin E- and cyclin A-CDK2 complexes. Forms a complex with cyclin type D-CDK4 complexes and is involved in the assembly, stability, and modulation of CCND1-CDK4 complex activation. Acts either as an inhibitor or an activator of cyclin type D-CDK4 complexes depending on its phosphorylation state and/or stoichometry.

Note: This product is for in vitro research use only