

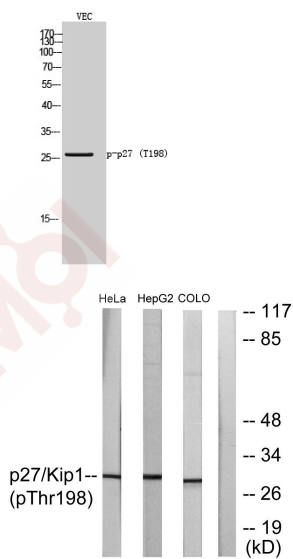
Anti-Phospho-CDKN1B (Thr198) Polyclonal Antibody

Product Details

| | |
|-------------------|--|
| Ig Type: | IgG |
| Reactivity: | Human |
| Conjugation: | Unconjugated |
| Molecular Weight: | Actual: 27 kDa. |
| 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 chromatography using non-phosphopeptide. |

Applications

- Verified Activity:
1. Western Blot analysis of VEC cells using Phospho-p27 (T198) Polyclonal Antibody.
 2. 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.



Application: WB

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

| | |
|------------------|--|
| Immunogen: | Peptide sequence around phosphorylation site of Threonine 198 (R-R-R(p)-Q-T) derived from Human p27 Kip1 |
| Antigen Species: | Human |
| Uniprot ID: | P46527 |
| Synonyms: | CDKN1B (p-T198);CDKN1B (p-Thr198);p-CDKN1B (T198);p-CDKN1B (Thr198) |

Research 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 stoichiometry.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481