

## Product datasheet for **TA325352**

### p27 KIP 1 (CDKN1B) Rabbit Polyclonal Antibody

#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | WB  |
| Recommended Dilution:   | WB: 1:500-1:2000  |
| Reactivity:             | Human, Mouse, Rat   |
| Modifications:          | Phospho-specific  |
| Host:                   | Rabbit  |
| Isotype:                | IgG   |
| Clonality:              | Polyclonal  |
| Immunogen:              | The antiserum was produced against A synthesized peptide derived from human p27 Kip1 around the phosphorylation site of Threonine 187   |
| Formulation:            | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.  |
| Concentration:          | lot specific  |
| Purification:           | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.   |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 27 kDa  |
| Gene Name:              | cyclin-dependent kinase inhibitor 1B  |
| Database Link:          | <a href="#">NP_004055</a><br><a href="#">Entrez Gene 12576 MouseEntrez Gene 83571 RatEntrez Gene 1027 Human P46527</a>  |
| Background:             | This gene encodes a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. The encoded protein binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. |
| Synonyms:               | CDKN4; KIP1; MEN1B; MEN4; P27KIP1   |

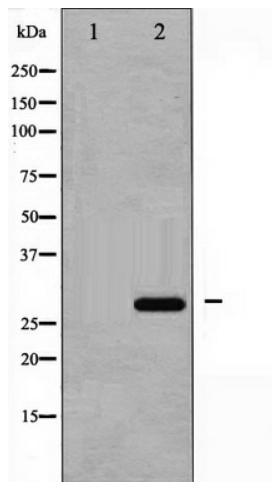


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Protein Families: Druggable Genome

Protein Pathways: Cell cycle, Chronic myeloid leukemia, ErbB signaling pathway, Pathways in cancer, Prostate cancer, Small cell lung cancer

### Product images:



Western blot analysis of p27 Kip1 phosphorylation expression in EGF treated HeLa whole cell lysates, The lane on the left is treated with the antigen-specific peptide.