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# Product datasheet for TA364437

## p27 KIP 1 (CDKN1B) Rabbit Polyclonal Antibody

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | IHC |
| **Recommended Dilution:** | IHC: 50-300<br>Positive control: Human cervical cancer<br>Predicted cell location: Nucleus |
| **Reactivity:** | Human, Mouse |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Immunogen:** | Fusion protein of human CDKN1B |
| **Formulation:** | pH7.4 PBS, 0.05% NaN3, 40% Glycerol |
| **Concentration:** | lot specific |
| **Purification:** | Antigen affinity purification |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20°C. |
| **Stability:** | 1 year |
| **Gene Name:** | cyclin-dependent kinase inhibitor 1B |
| **Database Link:** | Entrez Gene 1027 Human<br>P46527 |
| **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. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transition from quiescence to the proliferative state. Mutations in this gene are associated with multiple endocrine neoplasia type IV (MEN4). |
| **Synonyms:** | CDKN4; KIP1; MEN1B; MEN4; P27KIP1 |

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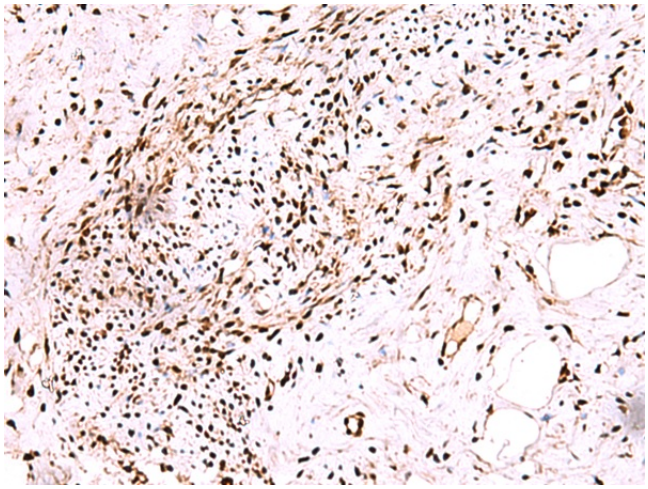
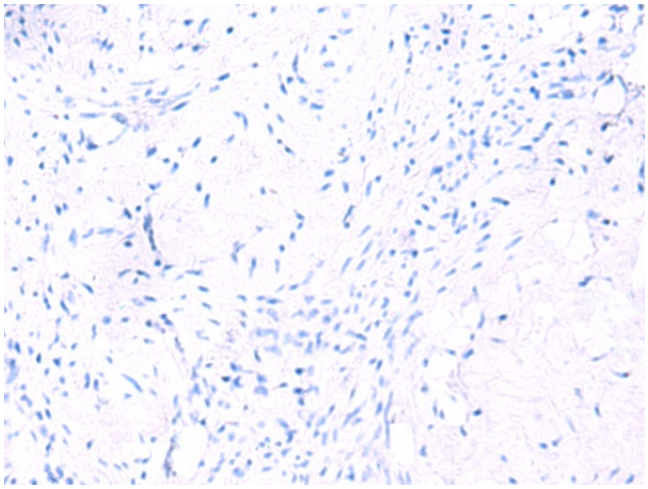
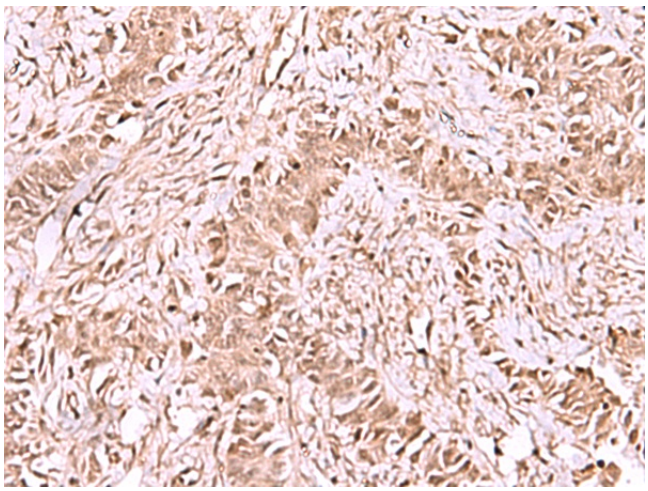
## Product images:



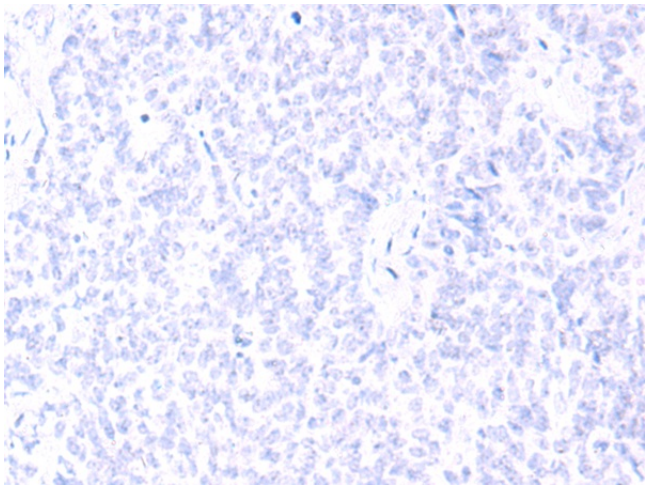
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA364437 (CDKN1B Antibody) at dilution 1/75 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA364437 (CDKN1B Antibody) at dilution 1/75, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA364437 (CDKN1B Antibody) at dilution 1/75 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA364437 (CDKN1B Antibody) at dilution 1/75, treated with fusion protein. (Original magnification: ×200)