

## CAB0290

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### Product Information

<b>Product SKU:</b>	CAB0290	<b>Gene ID:</b>	1027	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human, Mouse

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### Additional Information

<b>Observed MW:</b>	27kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	22kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**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).

**Recommended Dilution:** WB, 1:500 - 1:2000 IF/ICC, 1:20 - 1:50

**Synonyms:** KIP1; MEN4; CDKN4; MEN1B; P27KIP1; CDKN1B/p27KIP1

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1-198 of human CDKN1B/p27KIP1 (NP\_004055.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

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