# EB05061 - Goat Anti-P27KIP1 / CDKN1B (C Terminus) Antibody

Size: 100µg specific antibody in 200µl


## UK Office

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## Target Protein

**Principal Names:** CDKN1B, P27KIP1, cyclin-dependent kinase inhibitor 1B (p27, Kip1), KIP1, CDKN4, cyclin-dependent kinase inhibitor 1B, p27(KIP1), KIP1, p27, MEN1B, MEN4, P27KIP1
**Official Symbol:** CDKN1B
**Accession Number(s):** NP_004055.1
**Human GeneID(s):** 1027
**Non-Human GeneID(s):** 12576 (mouse), 83571 (rat)

## Immunogen

Peptide with sequence C-EQTPKKPGLRRRQT, from the C Terminus of the protein sequence according to NP_004055.1.

Please note the peptide is available for sale.

## Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

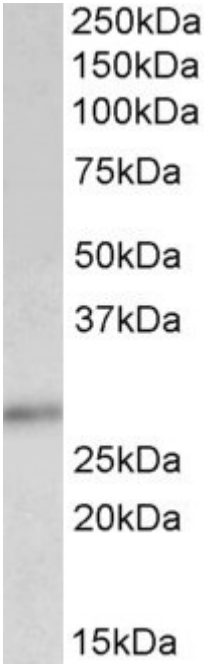
## Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.
**Western blot:** Approx 26-27kDa band observed in Human Breast and Prostate lysates (calculated MW of 22.1kDa according to NP_004055.1). The observed molecular weight corresponds to earlier findings in literature (Xia et al, Proc Natl Acad Sci U S A. 2005 Sep 27;102(39):14028-33; PMID: 16169901). Recommended concentration: 0.5-1.5µg/ml.

**Immunoprecipitation:**This antibody was deemed fit for IP under native conditions (observations from anonymous customer).

## Species Reactivity

**Tested:** Human
**Expected from sequence similarity:** Human, Mouse, Rat, Cow, Dog




EB05061 (0.5µg/ml) staining of Human Breast lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.