



International Office

Everest Biotech Ltd

Vector Laboratories, Inc.
6737 Mowry Ave
Newark, CA 94560
United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

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

Size: 20µg specific antibody in 40µl



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.

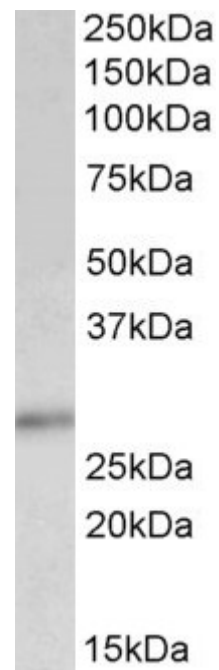
Western blot: Approx 26-27kDa band observed in Human Breast and Prostate lysates (calculated MW of 22.1kDa according to NP_004055.1). The observed molecular weight corresponds to earlier findings in literature (Xia et al, Proc Natl Acad Sci U S A. 2005 Sep 27;102(39):14028-33; PMID: 16169901). Recommended 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.