

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

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EB12150 - Goat Anti-RPA1 / RPA70 (aa323-337) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: RPA1, replication protein A1, 70kDa, HSSB, MST075, REPA1, RF-A, RP-A, RPA70, MSTP075, RF-A protein 1, RP-A p70, replication factor A protein 1, replication protein A 70 kDa DNA-binding subunit, single-stranded DNA-binding protein

Official Symbol: RPA1

Accession Number(s): NP_002936.1

Human GeneID(s): 6117

Immunogen

Peptide with sequence CKSYEDATKITVRSN, from the internal region of the protein sequence according to NP_002936.1.

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 1:128000.

Western blot: Approx 70+80kDa band observed in lysates of cell line HeLa (calculated MW of 68.1kDa according to NP_002936.1). The upper band likely represents the acetylated protein. A 75kDa band was observed in several Mouse cell lines and in lysates of Mouse Lymph Node. Recommended concentration: 0.3-1µg/ml.

Species Reactivity

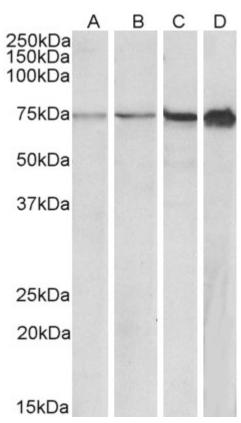
Tested: Human, Mouse

Expected from sequence similarity: Human



EB12150 (0.3μg/ml) staining of HeLa lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.



EB12150 (0.5μg/ml) staining of NIH3T3 (A), 3T3L1 (B), Mouse Lymph Node (C) and NSO (D) lysates (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.