

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.

EB06350 - Goat Anti-ARP1 homolog B Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ACTR1B, ARP1B, CTRN2, ARP1 actin-related protein 1 homolog B, centractin beta (yeast), PC3, centractin beta, ARP1, yeast homolog B, ARP1

(actin-related protein 1, yeast) homolog B (centractin beta), ARP1 actin-related protein 1

homolog B, centractin beta **Official Symbol:** ACTR1B

Accession Number(s): NP_005726.1

Human GeneID(s): 10120

Non-Human GenelD(s): 226977 (mouse)

Important Comments: This epitope was selected to minimise the chance of

cross-reactivity with ACTR1A (YEEDGARSIHRKT).

Immunogen

Peptide with sequence C-YEEDGSRAIHRKT, from the C Terminus of the protein sequence according to NP_005726.1.

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 45kDa band observed in Human Heart and Brain lysates (predicted MW of 42.3kDa according to NP_005726.1). Recommended for use at 0.5-2μg/ml. **IHC:** In paraffin embedded Human Uterus shows fibrillar staining of cytoplasm in endometrial cells. Recommended concentration, 3-5μg/ml.

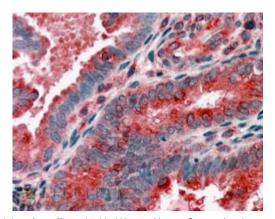
Species Reactivity

Tested: Human

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



EB06350 staining (1 μ g/ml) of human heart lysate (RIPA buffer, 35 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



EB06350 (3.8 μ g/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.