

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.

EB06199 - Goat Anti-BTRC / FWD1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: BTRC, beta-transducin repeat containing, RP11-529I10.2, BETA-TRCP, FBW1A, FBXW1, FBXW1A, FWD1, MGC4643, bTrCP, bTrCP1, betaTrCP, E3RSIkappaB, F-box and WD repeats protein beta-TrCP, F-box and WD-repeat protein 1B, F-box/WD repeat-containing protein 1A, OTTHUMP00000020314,

OTTHUMP00000020315, beta-TrCP1, plkappaBalpha-E3 receptor subunit

Official Symbol: BTRC

Accession Number(s): NP_378663.1; NP_003930.1; NP_001243785.1

Human GeneID(s): 8945

Non-Human GenelD(s): 12234 (mouse), 361765 (rat)

Important Comments: This antibody is expected to recognise both reported isoforms

(NP_378663.1; NP_003930.1).

Immunogen

Peptide with sequence DPAEAVLQEKALK-C, from the N Terminus of the protein sequence according to NP_378663.1; NP_003930.1; NP_001243785.1.

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.

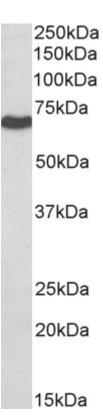
Western blot: Approx 65kDa band observed in nuclear lysates of cell line HeLa (calculated MW of 65kDa according to NP_003930.1 and 68.5kDa according to NP_001243785.1. Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Heart. Recommended concentration: 7.5µg/ml.

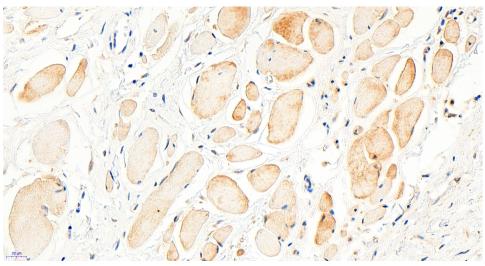
Species Reactivity

Tested: Human

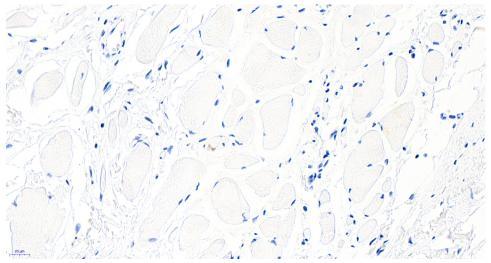
Expected from sequence similarity: Human, Mouse, Rat, Pig, Cow



EB06199 (1 μ g/ml) staining of Nuclear lysates of cell line HeLa (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB06199 (7.5μg/ml) staining of paraffin embedded Human Heart. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB06199 Negative Control showing staining of paraffin embedded Human Heart, with no primary antibody.