

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.

EB07858 - Goat Anti-KU70 / XRCC6 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: XRCC6, KU70, X-ray repair complementing defective repair in Chinese hamster cells 6 (Ku autoantigen, 70kDa), CTC75, CTCBF, G22P1, ML8, TLAA, ATP-dependent DNA helicase II, 70 kDa subunit, CTC box binding factor 75 kDa subunit, Ku autoantigen p70 subunit, OTTHUMP00000028581, thyroid autoantigen 70kD (Ku antigen), thyroid autoantigen 70kDa (Ku antigen), thyroid-lupus autoantigen p70

Official Symbol: XRCC6

Accession Number(s): NP_001460.1

Human GeneID(s): 2547

Immunogen

Peptide with sequence YKTEGDEEAEEEQ-C, from the N Terminus of the protein sequence according to NP_001460.1.

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 1:2000.

Western blot: Approx 70kDa band observed in lysates of cell lines A431, HeLa and HepG2 (calculated MW of 69.8kDa according to NP_001460.1). In transfected HEK293 transiently expressing KU70 a band of approx. 70kDa is observed. This band is not observed in the non-transfected HEK293.Recommended concentration: 0.1-0.3µg/ml.

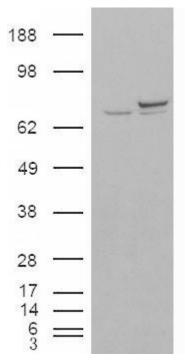
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB07858 (0.1 μ g/ml) staining of HeLa cell lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



HEK293 overexpressing KU70 (RC204048) and probed with EB07858 (mock transfection in first lane), tested by Origene.