

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.

EB10829 - Goat Anti-SETDB2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SETDB2, SET domain, bifurcated 2, C13orf4, CLLD8, CLLL8, DKFZp586I0123, DKFZp761J1217, KMT1F, OTTHUMP00000018418, chronic lymphocytic leukemia deletion region gene 8 protein, histone-lysine N-methyltransfera

Official Symbol: SETDB2

Accession Number(s): NP_114121.2; NP_001153780.1

Human GeneID(s): 83852

Non-Human GenelD(s): 239122 (mouse)

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

(NP_114121.2; NP_001153780.1).

Immunogen

Peptide with sequence C-QRRHAKTNSHSSALH, from the internal region of the protein sequence according to NP_114121.2; NP_001153780.1.

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 90kDa band observed in Human Heart lysates (calculated MW of 81.9kDa according to NP_114121.2). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa

EB10829 (0.1 μ g/ml) staining of Human Heart lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.