

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.

EB12462 - Goat Anti-MT-ATP6 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ATP6, MT-ATP6, ATPase6, MTATP6

Official Symbol: MT-ATP6

Accession Number(s): YP_003024031.1

Human GeneID(s): 4508

Immunogen

Peptide with sequence C-PTSKYLINNRLITTQ, from the internal region of the protein sequence according to YP_003024031.1.

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 1:64000.

Western blot: Approx 26kDa band observed in Human Heart, Colon and Ileum lysates

(calculated MW of 24.8kDa according to YP_003024031.1). Recommended $\,$

concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

Specific Reference

This antibody has been successfully used in SDS-Page on Human:

Laura Kytövuori, Joonas Lipponen, Harri Rusanen, Tuomas Komulainen, Mika H Martikainen, Kari Majamaa

A novel mutation m.8561C>G in MT-ATP6/8 causing a mitochondrial syndrome with ataxia, peripheral neuropathy, diabetes mellitus, and hypergonadotropic hypogonadism J Neurol. 2016 Nov;263(11):2188-2195. doi: 10.1007/s00415-016-8249-2. Epub 2016 Aug

PMID: 27502083

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB12462 (0.1µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.