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**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 8.

PMID: 27502083



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