

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.

EB09476 - Goat Anti-GGCX Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GGCX, gamma-glutamyl carboxylase, FLJ26629, VKCFD1, vitamin

K-dependent gamma-carboxylase

Official Symbol: GGCX

Accession Number(s): NP_000812.2; NP_001135741.1

Human GeneID(s): 2677

Important Comments: This antibody is expected to recognize both isoforms

(NP_000812.2; NP_001135741.1).

Immunogen

Peptide with sequence C-PPESNPDPVHSE, from the C Terminus of the protein sequence according to NP_000812.2; NP_001135741.1.

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 85kDa band observed in Human Muscle lysates (calculated MW of 85kDa according to NP_000812.2). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

IHC: In paraffin embedded Human Kidney shows distinct staining in the cytoplasm of epthelial cells. Recommended concentration: 5-10µg/ml.

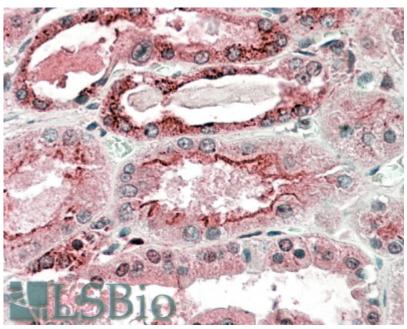
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog

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

15kDa
EB09476 (0.3μg/ml) staining of Human Muscle lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB09476 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.