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**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 epithelial cells. Recommended concentration: 5-10µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog

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.