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Research Use Only. Not for diagnostic or therapeutic use.

EB12689 - Goat Anti-GNA12 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GNA12, guanine nucleotide binding protein (G protein) alpha 12, NNX3, RMP, gep, G-protein subunit alpha-12, WUGSC:H_GS165O14.2, g alpha-12,

guanine nucleotide-binding protein subunit alpha-12

Official Symbol: GNA12

Accession Number(s): NP_031379.2; NP_001269369.1; NP_001269370.1;

NP_001280021.1

Human GeneID(s): 2768

Non-Human GenelD(s): 14673 (mouse), 81663 (rat)

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

(NP_031379.2; NP_001269369.1; NP_001269370.1; NP_001280021.1).

Immunogen

Peptide with sequence C-KKHFPDFRGDPHR, from the internal region of the protein sequence according to NP_031379.2; NP_001269369.1; NP_001269370.1; NP_001280021.1.

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 1:128000.

Western blot: Approx 37kDa band observed in Human Placenta lysates and approx 42kDa in Mouse Heart lysates (calculated MW of 37.6kDa according to Human NP_001269370.1 and 44.1kDa according to Mouse NP_034432.1). Recommended

concentration: 0.3-1µg/ml.

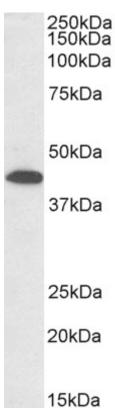
Species Reactivity

Tested: Human, Mouse

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



EB12689 (1μg/ml) staining of Human Placenta lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB12689 (0.3μg/ml) staining of Mouse Heart lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.