

#### **UK Office**

Everest Biotech Ltd Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries:

info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326

#### www.everestbiotech.com

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 GenelD(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\_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.

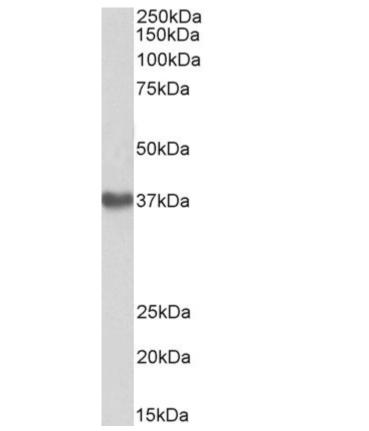
#### **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:128000.

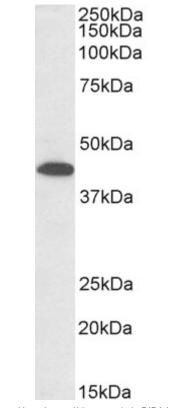
**Western blot:** Approx 37kDa band observed in Human Placenta lysates and approx 42kDa in Mouse Heart lysates (calculated MW of 37.6kDa according to Human NP\_001269370.1 and 44.1kDa according to Mouse NP\_034432.1). Recommended concentration: 0.3-1µg/ml.

## **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.