

GNA12 Polyclonal Antibody

Catalog No: YN0752

Reactivity: Human; Mouse; Rat

Applications: WB;ELISA

Target: GNA12

Fields: >>MAPK signaling pathway;>>cGMP-PKG signaling pathway;>>Sphingolipid

signaling pathway;>>Phospholipase D signaling pathway;>>Vascular smooth

muscle contraction;>>Long-term depression;>>Regulation of actin cytoskeleton;>>Parathyroid hormone synthesis, secretion and

action;>>Pathogenic Escherichia coli infection;>>Human cytomegalovirus

infection;>>Pathways in cancer

Gene Name: GNA12

Protein Name: Guanine nucleotide-binding protein subunit alpha-12 (G alpha-12) (G-protein

subunit alpha-12)

Q03113

P27600

Human Gene Id: 2768

Human Swiss Prot

No:

Mouse Swiss Prot

No:

Rat Swiss Prot No: Q63210

Immunogen: Synthesized peptide derived from part region of human protein

Specificity: GNA12 Polyclonal Antibody detects endogenous levels of protein.

Formulation : Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution : WB 1:500-2000 ELISA 1:5000-20000

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 41kD

Cell Pathway: MAPK_ERK_Growth;MAPK_G_Protein;Vascular smooth muscle

contraction;Long-term depression;Regulates Actin and Cytoskeleton;

Background: function:Guanine nucleotide-binding proteins (G proteins) are involved as

modulators or transducers in various transmembrane signaling

systems.,similarity:Belongs to the G-alpha family. G(12) subfamily.,subunit:G proteins are composed of 3 units; alpha, beta and gamma. The alpha chain

contains the guanine nucleotide binding site. Interacts with UBXD5.,

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Subcellular

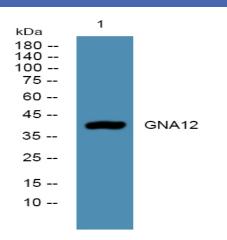
Location:

Cell membrane ; Lipid-anchor . Lateral cell membrane ; Lipid-anchor . Cytoplasm

. CDH1 enhances cell membrane localization. .

Expression : Brain, Pancreas, Placenta, Uterus,

Products Images



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night