Best Tools for immunology Research

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)
Human Gene Id :	2768
Human Swiss Prot No :	Q03113
Mouse Swiss Prot No :	P27600
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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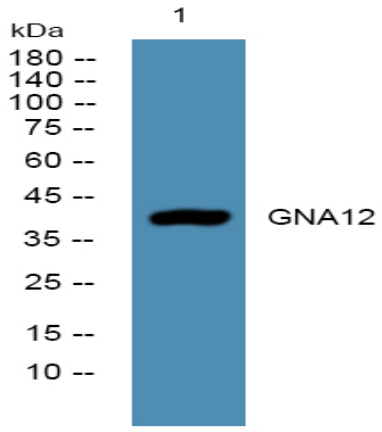
Subcellular Location :	Cell membrane ; Lipid-anchor . Lateral cell membrane ; Lipid-anchor . Cytoplasm . CDH1 enhances cell membrane localization. .
Expression :	Brain,Pancreas,Placenta,Uterus,
Sort :	19291
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images



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