

## GNA12 Polyclonal Antibody

<b>Catalog No :</b>	YN0752
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	GNA12
<b>Fields :</b>	>>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
<b>Gene Name :</b>	GNA12
<b>Protein Name :</b>	Guanine nucleotide-binding protein subunit alpha-12 (G alpha-12) (G-protein subunit alpha-12)
<b>Human Gene Id :</b>	2768
<b>Human Swiss Prot No :</b>	Q03113
<b>Mouse Swiss Prot No :</b>	P27600
<b>Rat Swiss Prot No :</b>	Q63210
<b>Immunogen :</b>	Synthesized peptide derived from part region of human protein
<b>Specificity :</b>	GNA12 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 ELISA 1:5000-20000

<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	41kD
<b>Cell Pathway :</b>	MAPK_ERK_Growth;MAPK_G_Protein;Vascular smooth muscle contraction;Long-term depression;Regulates Actin and Cytoskeleton;
<b>Background :</b>	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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<b>Subcellular Location :</b>	Cell membrane ; Lipid-anchor . Lateral cell membrane ; Lipid-anchor . Cytoplasm . CDH1 enhances cell membrane localization. .
<b>Expression :</b>	Brain,Pancreas,Placenta,Uterus,

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