

**Gz- $\alpha$  (Phospho Ser16) rabbit pAb**

<b>Catalog No :</b>	YP1765
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB
<b>Target :</b>	Gz- $\alpha$
<b>Fields :</b>	>>Long-term depression
<b>Gene Name :</b>	GNAZ
<b>Protein Name :</b>	Gz- $\alpha$ (Phospho-Ser16)
<b>Human Gene Id :</b>	2781
<b>Human Swiss Prot No :</b>	P19086
<b>Mouse Gene Id :</b>	14687
<b>Mouse Swiss Prot No :</b>	O70443
<b>Rat Gene Id :</b>	25740
<b>Rat Swiss Prot No :</b>	P19627
<b>Immunogen :</b>	Synthesized peptide derived from human Gz- $\alpha$ (Phospho-Ser16)
<b>Specificity :</b>	This antibody detects endogenous levels of Gz- $\alpha$ (Phospho-Ser16) at Human, Mouse,Rat
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000

**Purification :** The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

**Concentration :** 1 mg/ml

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

**Observed Band :** 41kD

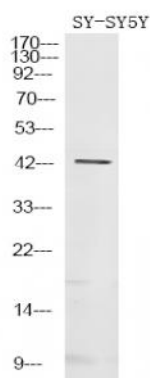
**Background :** G protein subunit alpha z(GNAZ) Homo sapiens The protein encoded by this gene is a member of a G protein subfamily that mediates signal transduction in pertussis toxin-insensitive systems. This encoded protein may play a role in maintaining the ionic balance of perilymphatic and endolymphatic cochlear fluids. [provided by RefSeq, Jul 2008],

**Function :** 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(i/o/t/z) subfamily.,subunit:G proteins are composed of 3 units; alpha, beta and gamma. The alpha chain contains the guanine nucleotide binding site.,

**Subcellular Location :** Membrane; Lipid-anchor.

**Expression :** Brain,PNS,

## Products Images



Western Blot analysis of SY-SY5Y using primary antibody at 1:1000 dilution 4°C, overnight. Secondary antibody(catalog#:RS23920) was diluted at 1:10000 25°C[?]1.5hours