

Product datasheet for **BP932**

Gnao1 (345-354) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA (1/100K - 1/400K). Western blot (gives a band at 39 kDa when used under reducing conditions against rat brain).
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to the amino acids 345 - 354 of the native molecule conjugated to Keyhole Limpet Haemocyanin
Specificity:	This antibody detects G Protein-alpha 0.
Formulation:	PBS , pH 7.2, 0.09 % Sodium Azide State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Ammonium Sulphate fractionation
Conjugation:	Unconjugated
Storage:	Store the antibody at -20 °C. Can be shipped at 2 - 8 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	guanine nucleotide binding protein, alpha O
Database Link:	Entrez Gene 14681 Mouse P18872
Background:	GTP binding proteins (G proteins) play a critical role in signal transduction by coupling receptors to effectors. The intracellular consequences of G protein activation include second messenger generation, protein phosphorylation, ion channel activation, gene induction, cell growth, and differentiation. Go belongs to the pertussis toxin sensitive G proteins. It consists of two subtypes of a subunits (ao1 and ao2) derived from alternative splicing of a single gene. ao1 differs from ao2 within the C terminal.



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Synonyms: Gnao1, Gna0, Gnao