

## Polyclonal Antibody to G Protein alpha Q/11 (aa 344-353) - Purified

<b>Alternate names:</b>	GAQ11
<b>Catalog No.:</b>	BP935
<b>Quantity:</b>	1 ml
<b>Concentration:</b>	0.4 mg/ml
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Synthetic peptide corresponding to the amino acids 344 - 353 of the native molecule conjugated to Keyhole Limpet Haemocyanin. <b>AA Sequence:</b> {C-}Q-L-N-L-K-E-Y-N-L-V
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction. <b>Purification:</b> Protein A Chromatography. <b>Buffer System:</b> PBS, pH 7.2 containing 1% BSA as stabilizer and 0.09% Sodium Azide as preservative.
<b>Applications:</b>	ELISA (1/250K-1/1M). Western blot (1/25-1/100). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody detects G Protein-alpha q/11 (aa 344-353). <b>Species:</b> Mouse. Other species not tested.
<b>Add. Information:</b>	Antibody seems to irreversibly bind peptide-BSA and is not suitable for affinity isolation on peptide column. Heterotrimeric G proteins link transmembrane receptors to intracellular second messenger systems. When the G alpha subunit of G proteins is bound to GTP, this subunit commonly interacts with effector systems to transduce signals from receptors. G protein alpha subunits have been grouped into four families, Gi/Go, G12, Gs and Gq, based on similarity of their sequence and function.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: One year from despatch.