

# Anti-GNAT1 (Guanine nucleotide-binding protein G(t), alpha subunit)

Cat. #: 60B563

## Description:

Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Transducin is an amplifier and one of the transducers of a visual impulse that performs the coupling between rhodopsin and cGMP-phosphodiesterase. G proteins are composed of 3 units; alpha, beta and gamma. The alpha chain contains the guanine nucleotide binding site.

Species: African clawed frog (*Xenopus laevis*)  
Storage and Stability: at -20°C

## Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to residues 85-101 of *Xenopus laevis* (African clawed frog) GNAT1 (Guanine nucleotide-binding protein G(t), alpha subunit) (Transducin alpha chain)

## References

Klein, S.L., et al, Dev. Dyn. 225 (4), 384-391 (2002)