

G gamma7 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55106

Specification

G gamma7 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F,

IF, ICC

Primary Accession
Reactivity
Rat, Cow
Rost
Clonality
Calculated MW
Robit
Polyclonal
7522

G gamma7 Polyclonal Antibody - Additional Information

Gene ID 2788

Other Names

Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-7, GNG7, GNGT7

Format

0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

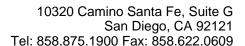
G gamma7 Polyclonal Antibody - Protein Information

Name GNG7

Synonyms GNGT7

Function

Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G





protein-effector interaction. Plays a role in the regulation of adenylyl cyclase signaling in certain regions of the brain. Plays a role in the formation or stabilzation of a G protein heterotrimer (G(olf) subunit alpha-beta-gamma-7) that is required for adenylyl cyclase activity in the striatum (By similarity).

Cellular Location

Cell membrane; Lipid-anchor; Cytoplasmic side

Tissue Location

Expressed in a variety of tissues. Down-regulated in pancreatic and esophageal cancer.

G gamma7 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture