

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	O60262
Reactivity	Rat, Cow
Host	Rabbit
Clonality	Polyclonal
Calculated MW	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 stabilization 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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)