

**G gamma7 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP55106**

**Specification**

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**G gamma7 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	<a href="#">O60262</a>
Reactivity	Rat, Bovine
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), 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](#)

**G gamma7 Polyclonal Antibody - Images**