

GPCR TGR7 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55968**Specification**

GPCR TGR7 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8TDS7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

GPCR TGR7 Polyclonal Antibody - Additional Information**Gene ID** 116512**Other Names**

Mas-related G-protein coupled receptor member D, Beta-alanine receptor, G-protein coupled receptor TGR7, MRGPRD, MRGD

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

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.

GPCR TGR7 Polyclonal Antibody - Protein Information**Name** MRGPRD**Synonyms** MRGD**Function**

May regulate nociceptor function and/or development, including the sensation or modulation of pain. Functions as a specific membrane receptor for beta-alanine. Beta-alanine at micromolar doses specifically evoked Ca(2+) influx in cells expressing the receptor. Beta-alanine decreases forskolin-stimulated cAMP production in cells expressing the receptor, suggesting that the receptor couples with G- protein G(q) and G(i).

Cellular Location

Cell membrane; Multi-pass membrane protein Note=Localized at the plasma membrane but internalized into the cytoplasm after treatment with beta-alanine

GPCR TGR7 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](#)

GPCR TGR7 Polyclonal Antibody - Images