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GPR102 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54707

Specification

GPR102 Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IHC-F, IF, ICC, E**
Primary Accession	Q969N4
Reactivity	**Rat, Pig, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**38029**

GPR102 Polyclonal Antibody - Additional Information

Gene ID 83551

Other Names
Trace amine-associated receptor 8, TaR-8, Trace amine receptor 8, G-protein coupled receptor 102, Trace amine receptor 5, TaR-5, TAAR8, GPR102, TA5, TAR5, TRAR5

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 ℃ 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 ℃.

GPR102 Polyclonal Antibody - Protein Information

Name TAAR8

Synonyms GPR102, TA5, TAR5, TRAR5

Function
Olfactory receptor specific for trace amines (By similarity). Trace amine compounds are enriched in animal body fluids and act on trace amine-associated receptors (TAARs) to elicit both intraspecific and interspecific innate behaviors (By similarity). Ligand-binding causes a conformation change that triggers signaling via G alpha proteins, possibly G(i)/G(o) G alpha proteins (PubMed:25391046).

Cellular Location
Cell membrane; Multi-pass membrane protein

Tissue Location
Expressed in kidney and amygdala. Not expressed in other tissues or brain regions tested.

GPR102 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 Cytomety
- Cell Culture

GPR102 Polyclonal Antibody - Images