

GPR102 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55963**Specification****GPR102 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	O969N4
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 °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.

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

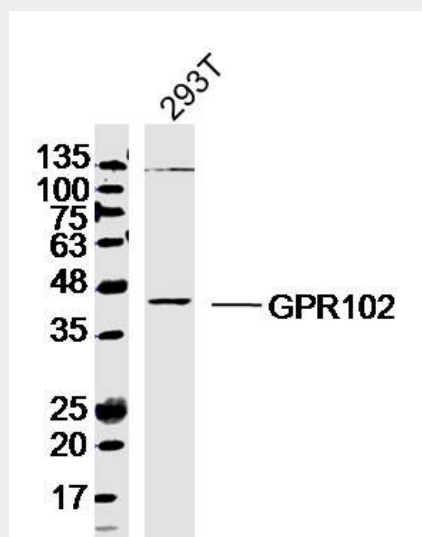
Tissue Location

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 Cytometry](#)
- [Cell Culture](#)

GPR102 Polyclonal Antibody - Images

Sample: 293T Cell (Human) Lysate at 40 ug
Primary: Anti-GPR102 (bs-15355R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 38 kD
Observed band size: 42 kD