

GPR102 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP54707

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

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=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.