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TAAR8 Antibody (N-Terminus)

Rabbit Polyclonal Antibody
Catalog # ALS10542

Specification

TAAR8 Antibody (N-Terminus) - Product Information

Application	**IHC-P**
Primary Accession	Q969N4
Reactivity	**Human, Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**38kDa KDa**
Dilution	**IHC-P~~N/A**

TAAR8 Antibody (N-Terminus) - 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

Target/Specificity
Human TAAR8. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
TAAR8 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

TAAR8 Antibody (N-Terminus) - 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.

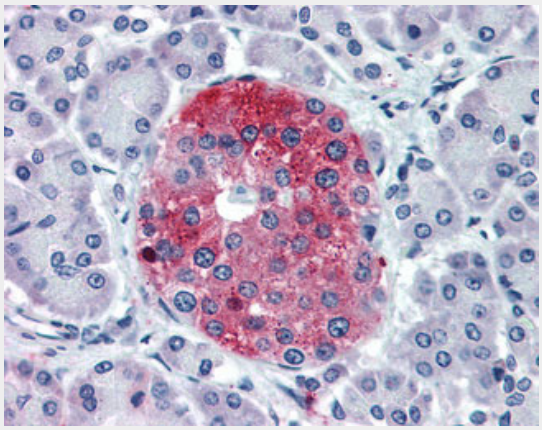
Volume
50 µl

TAAR8 Antibody (N-Terminus) - 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

TAAR8 Antibody (N-Terminus) - Images



Anti-TAAR8 / TA5 antibody IHC of pancreas, human.

TAAR8 Antibody (N-Terminus) - Background

Orphan receptor. Could be a receptor for trace amines. Trace amines are biogenic amines present in very low levels in mammalian tissues. Although some trace amines have clearly defined roles as neurotransmitters in invertebrates, the extent to which they function as true neurotransmitters in vertebrates has remained speculative. Trace amines are likely to be involved in a variety of physiological functions that have yet to be fully understood.

TAAR8 Antibody (N-Terminus) - References

Borowsky B.,et al.Proc. Natl. Acad. Sci. U.S.A. 98:8966-8971(2001).
Lee D.K.,et al.Gene 275:83-91(2001).
Kopatz S.A.,et al.Submitted (NOV-2002) to the EMBL/GenBank/DDBJ databases.
Mungall A.J.,et al.Nature 425:805-811(2003).
Parry D.A.,et al.Am. J. Hum. Genet. 89:451-458(2011).