

TAAR8 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10543**Specification**

TAAR8 Antibody (C-Terminus) - Product Information

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

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

TAAR8 Antibody (C-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.

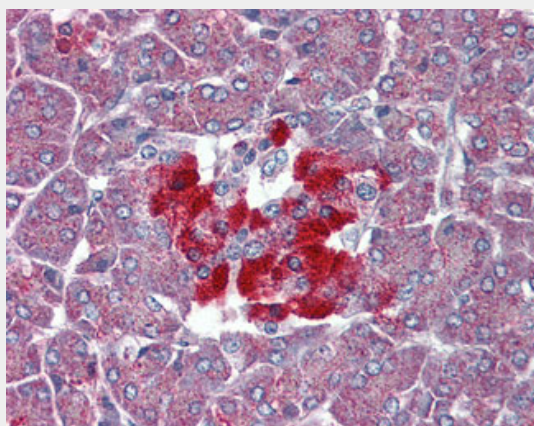
Volume

50 µl

TAAR8 Antibody (C-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 Cytometry](#)
- [Cell Culture](#)

TAAR8 Antibody (C-Terminus) - Images

Anti-TAAR8 antibody ALS10543 IHC of human pancreas.

TAAR8 Antibody (C-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 (C-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).

