

**TAAR5 Antibody (N-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10122****Specification**

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**TAAR5 Antibody (N-Terminus) - Product Information**

Application	IHC
Primary Accession	<a href="#">O14804</a>
Reactivity	Human, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38kDa KDa

**TAAR5 Antibody (N-Terminus) - Additional Information****Gene ID** 9038**Other Names**

Trace amine-associated receptor 5, TaR-5, Trace amine receptor 5, hTaar5, Putative neurotransmitter receptor, TAAR5, PNR

**Target/Specificity**

Human TAAR5. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

TAAR5 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**TAAR5 Antibody (N-Terminus) - Protein Information****Name** TAAR5**Synonyms** PNR**Function**

Olfactory receptor specific for trimethylamine, a trace amine. Also activated at lower level by dimethylethylamine. Trimethylamine is a bacterial metabolite found in some animal odors, and to humans it is a repulsive odor associated with bad breath and spoiled food. This receptor is probably mediated by the G(s)-class of G-proteins which activate adenylate cyclase.

**Cellular Location**

Cell membrane; Multi-pass membrane protein

**Tissue Location**

Expressed almost exclusively in skeletal muscle and selected areas of the brain, such amygdala, hippocampus, caudate nucleus, thalamus and hypothalamus. Weak expression is also find in substantia nigra.

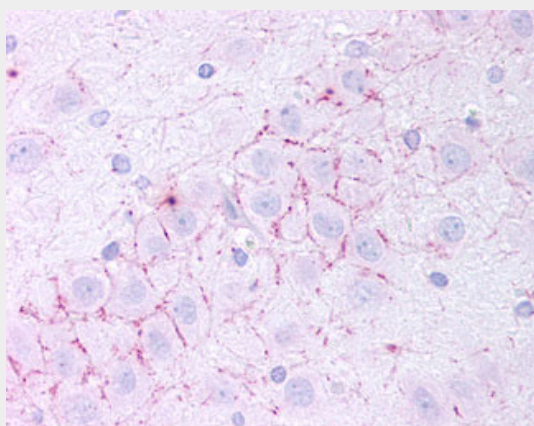
**Volume**  
50 µl

### **TAAR5 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 Cytometry](#)
- [Cell Culture](#)

### **TAAR5 Antibody (N-Terminus) - Images**



Anti-TAAR5 antibody ALS10122 IHC of human dentate gyrus.

### **TAAR5 Antibody (N-Terminus) - Background**

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### **TAAR5 Antibody (N-Terminus) - References**

Zeng Z.,et al.Biochem. Biophys. Res. Commun. 242:575-578(1998).  
Lindemann L.,et al.Genomics 85:372-385(2005).  
Staubert C.,et al.PLoS ONE 5:E11133-E11133(2010).  
Mungall A.J.,et al.Nature 425:805-811(2003).  
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DBJ databases.