

TAAR5 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14428**Specification**

TAAR5 antibody - C-terminal region - Product Information

Application	IF, WB
Primary Accession	O14804
Other Accession	NM_003967 , NP_003958
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Rat, Pig, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 38kDa KDa

TAAR5 antibody - C-terminal region - Additional Information**Gene ID** 9038**Alias Symbol** MGC138414, MGC138416, PNR, RP11-295F4.5**Other Names**

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

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-TAAR5 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

TAAR5 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

TAAR5 antibody - C-terminal region - 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

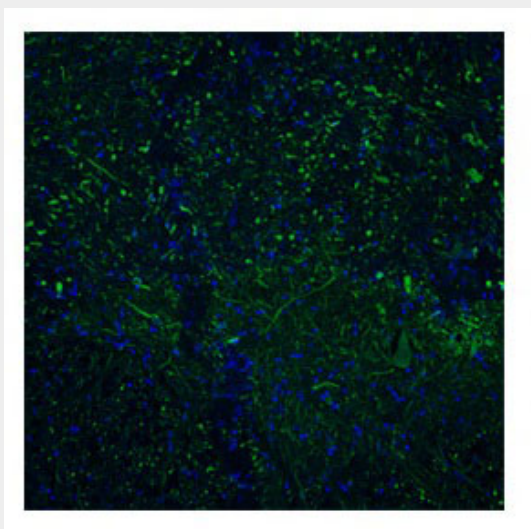
Tissue Location

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.

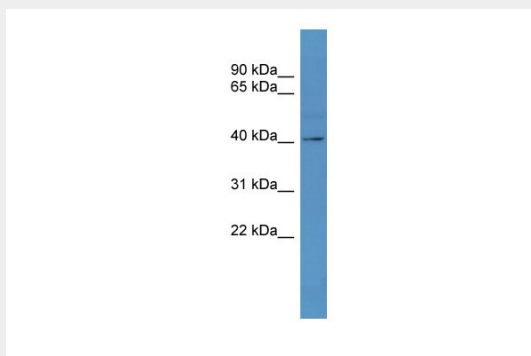
TAAR5 antibody - C-terminal region - Protocols

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 - C-terminal region - Images

Immunofluorescence -- Dilution: 1.3µg/ml

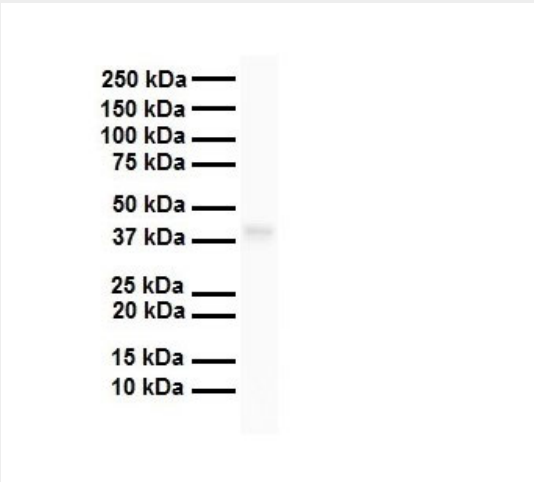


WB Suggested Anti-TAAR5 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: PANC1 cell lysate

TAAR5 is supported by BioGPS gene expression data to be expressed in PANC1



250 kDa —
150 kDa —
100 kDa —
75 kDa —
50 kDa —
37 kDa —
25 kDa —
20 kDa —
15 kDa —
10 kDa —

WB Suggested Anti-TAAR5 antibody Titration: 1 µg/ml

Sample Type: Human OVCAR-3

TAAR5 antibody - C-terminal region - 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/DDBJ databases.