

TAAR5 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21290b

Specification

TAAR5 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O14804
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	38242

TAAR5 Antibody (C-term) - 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

This TAAR5 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 236-269 amino acids from the C-terminal region of human TAAR5.

Dilution

WB~~1:2000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

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

TAAR5 Antibody (C-term) - 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

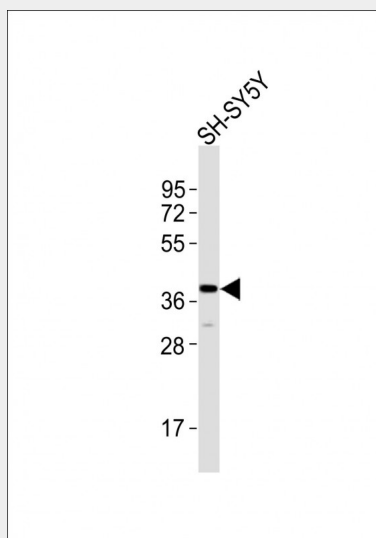
Expressed almost exclusively in skeletal muscle and selected areas of the brain, such amygdala, hippocampus, caudate nucleus, thalamus and hypothalamus. Weak expression is also find in substantia nigra.

TAAR5 Antibody (C-term) - 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-term) - Images



Anti-TAAR5 Antibody (C-term) at 1:2000 dilution + SH-SY5Y whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 38 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

TAAR5 Antibody (C-term) - Background

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.

TAAR5 Antibody (C-term) - 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.