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TAAR6 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP14131b

Specification

TAAR6 Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q96RI8

TAAR6 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 319100

Other Names
Trace amine-associated receptor 6, TaR-6, Trace amine receptor 6, Trace amine receptor 4, TaR-4, TAAR6, TA4, TAR4, TRAR4

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP14131b was selected from the C-term region of TAAR6. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TAAR6 Antibody (C-term) Blocking peptide - Protein Information

Name TAAR6

Synonyms TA4, TAR4, TRAR4

Function
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.

Cellular Location
Cell membrane; Multi-pass membrane protein.

Tissue Location

Expressed at low abundance in various brain tissues, as well as in fetal liver, but not in the cerebellum or placenta. In the brain, comparable levels of expression in basal ganglia, frontal cortex, substantia nigra, amygdala and hippocampus, highest expression in hippocampus and lowest expression in basal ganglia.

TAAR6 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

TAAR6 Antibody (C-term) Blocking peptide - Images

TAAR6 Antibody (C-term) Blocking peptide - Background

This gene encodes a seven-transmembrane G-protein-coupledreceptor that likely functions as a receptor for endogenous traceamines. Mutations in this gene may be associated withschizophrenia.

TAAR6 Antibody (C-term) Blocking peptide - References

Pae, C.U., et al. Psychiatry Res 180(1):20-24(2010)Pae, C.U., et al. Neurosci. Lett. 465(3):257-261(2009)Pae, C.U., et al. Eur Neuropsychopharmacol 19(11):806-811(2009)Serretti, A., et al. Prog. Neuropsychopharmacol. Biol. Psychiatry 33(5):822-826(2009)Duan, S., et al. J Neural Transm 113(3):381-385(2006)