



TAAR6 Polyclonal Antibody

Catalog No	YP-Ab-07551
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	TAAR6 TA4 TAR4 TRAR4
Immunogen	Synthesized peptide derived from human protein . at AA range: 190-270
Specificity	TAAR6 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TAAR6;TAAR6 TA4 TAR4 TRAR4;Trace amine-associated receptor 6 (TaR-6) (Trace amine receptor 6) (Trace amine receptor 4) (TaR-4)
Observed Band	37kD
Calculated Molecular Weight	37kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	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.
Function	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., similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity: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



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Background

This gene encodes a seven-transmembrane G-protein-coupled receptor that likely functions as a receptor for endogenous trace amines. Mutations in this gene may be associated with schizophrenia.[provided by RefSeq, Feb 2010],

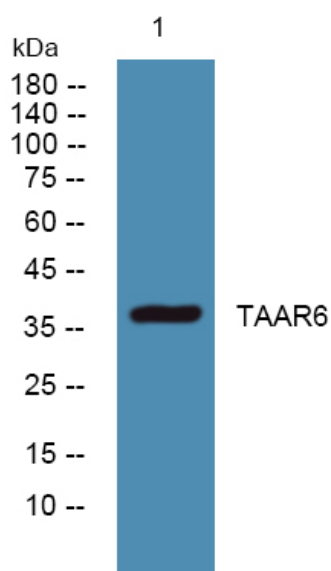
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night