Product Name: TAAR6 Rabbit Polyclonal Antibody
Catalog #: APRab18591

Summary

Production Name	TAAR6 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	TAAR6 TA4 TAR4 TRAR4
Alternative Names	
Gene ID	319100.0
SwissProt ID	Q96RI8. Synthesized peptide derived from human protein . at AA range: 190-270

Application

Dilution Ratio	WB 1:500-2000, ELISA 1:5000-20000
Molecular Weight	37kDa

Background

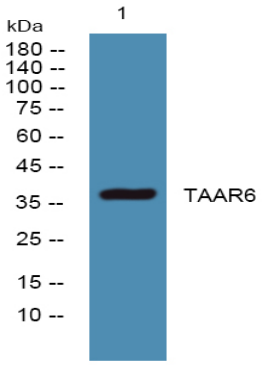
This gene encodes a seven-transmembrane G-protein-coupled receptor that likely functions as a receptor for endogenous trace amines. Mutations in this gene may be associated with schizophrenia.[provided by RefSeq, Feb 2010],function:Orphan

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 of expression in basal ganglia, frontal cortex, substantia nigra, amygdala and hippocampus, highest expression in hippocampus and lowest expression in basal ganglia.,

Research Area

Neuroactive ligand-receptor interaction;

Image Data



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

Note

For research use only.