TAAR6 Rabbit pAb

CatalogNo: YN2697

Key Features

Host Species
- Rabbit

Reactivity
- Human,Rat,Mouse

Applications
- WB,ELISA

MW
- 37kD (Observed)

Isotype
- IgG

Recommended Dilution Ratios

WB 1:500-2000
ELISA 1:5000-20000

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human protein . at AA range: 190-270
Specificity	TAAR6 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name	TAAR6 TA4 TAR4 TRAR4

Protein Name Trace amine-associated receptor 6 (TaR-6) (Trace amine receptor 6) (Trace amine receptor 4) (TaR-4)

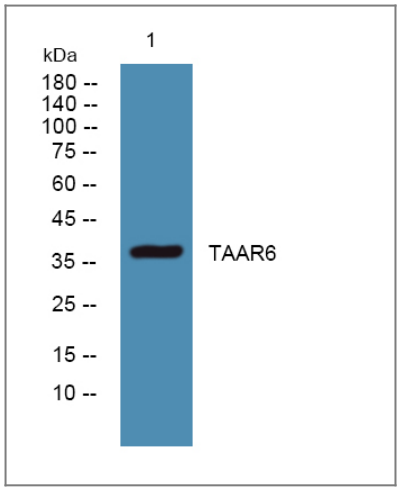
Organism	Gene ID	UniProt ID
Human	319100;	Q96RI8;
Mouse		Q5QD13;
Rat		Q923Y5;

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

Validation Data



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

Contact information

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Please scan the QR code to access additional product information:
TAAR6 Rabbit pAb

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