

TAAR5 Polyclonal Antibody

Catalog No :	YT4519
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	TAAR5
Fields :	>>Neuroactive ligand-receptor interaction
Gene Name :	TAAR5
Protein Name :	Trace amine-associated receptor 5
Human Gene Id :	9038
Human Swiss Prot No :	O14804
Mouse Swiss Prot No :	Q5QD14
Immunogen :	The antiserum was produced against synthesized peptide derived from human TAAR5. AA range:288-337
Specificity :	TAAR5 Polyclonal Antibody detects endogenous levels of TAAR5 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 38kD

Cell Pathway : Neuroactive ligand-receptor interaction;

Background : function:Orphan receptor. Ligands are likely small molecules, either sharing some similarities with trace amine as, e.g. derivatives of indolamines (such as 5-methoxytryptamine) or of phenylethylamines (such as phenylethanolamine) or being any kind of metabolite of amino acids or biogenic amine neurotransmitters.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity: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.,

Function : function:Orphan receptor. Ligands are likely small molecules, either sharing some similarities with trace amine as, e.g. derivatives of indolamines (such as 5-methoxytryptamine) or of phenylethylamines (such as phenylethanolamine) or being any kind of metabolite of amino acids or biogenic amine neurotransmitters.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity: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.,

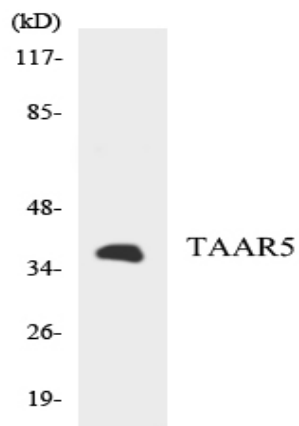
Subcellular Location : Cell membrane ; Multi-pass membrane protein .

Expression : 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.

Products Images



Western blot analysis of TAAR5 Antibody. The lane on the right is blocked with the TAAR5 peptide.



Western blot analysis of the lysates from HUVEC cells using TAAR5 antibody.