

## TAAR5 Polyclonal Antibody

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

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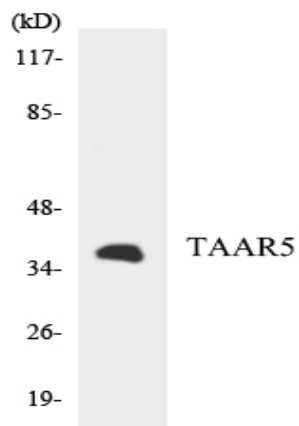
**Subcellular Location :** Cell membrane ; Multi-pass membrane protein .

**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.