TAAR5 Polyclonal Antibody

E20-74519

Catalog Number:E20-74519

Amount:100ul

Applications:WB,ELISA

Reactivity: Human

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: Rabbit

Dilution: Western Blot: 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:-20°C/1 year

Other Names:TAAR5; PNR; Trace amine-associated receptor 5; TaR-5; Trace amine receptor 5; Putative neurotransmitter receptor

Molecular Weight (Da):38242

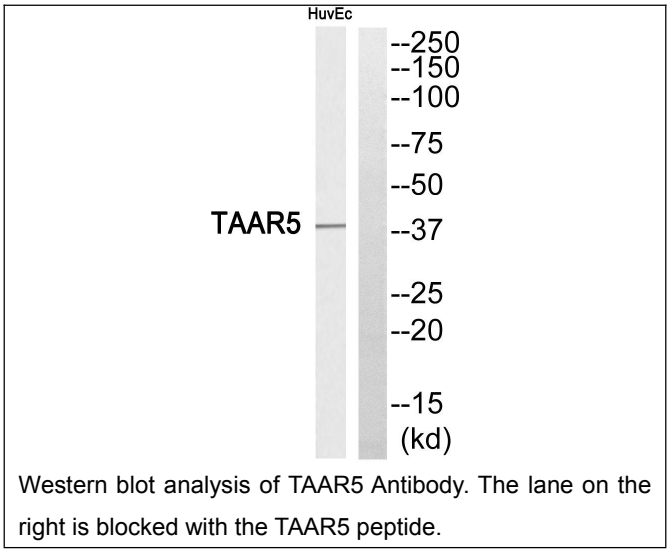
Observed Band (KD):38

Background: 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:integral component of plasma membrane,integral component of membrane.



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