神经递质受体 PNR 抗体

产品货号： mlR12747

英文名称： PNR/TAAR5

中文名称： 神经递质受体 PNR 抗体

别　　名： dGATA A; GATA binding factor A; Photoreceptor specific nuclear receptor fragment; PNR; Putative neurotransmitter receptor; Taar5; TAAR5_HUMAN; TaR-5; Trace amine associated receptor 5; Trace amine receptor 5; Trace amine-associated receptor 5; Transcription factor GATA A.

研究领域： 细胞生物　神经生物学　信号转导　干细胞　细胞膜受体　细胞膜蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分 子 量： 38kDa

细胞定位： 细胞膜

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human PNR/TAAR5:1-100/337 <Extracellular>

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： TAAR5 (Trace Amine Associated Receptor 5) is a Protein Coding gene. Among its related pathways are Signaling by GPCR and Peptide ligand-binding receptors. GO annotations related to this gene include G-protein coupled receptor activity and trimethylamine receptor activity. An important paralog of this gene is TAAR9.

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.

Subcellular Location:

Cell membrane.

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.

Similarity:

Belongs to the G-protein coupled receptor 1 family.

SWISS:

O14804

Gene ID:

9038

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.