



Olfactory receptor 2T1 Polyclonal Antibody

E20-73317

Catalog Number:E20-73317

Host Species:Polyclonal, Rabbit

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications:WB;IF/ICC;ELISA

Species Reactivity:Human;Rat;Mouse

Immunogen Description:The antiserum was produced against synthesized peptide derived from human OR2T1. AA range:231-280

Calculated MW:35205Da**Observed Band:**33KD

Formulation:Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Gene Name:OR2T1

Dilution:Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

Protein Name:Olfactory receptor 2T1

Human Gene Id:26696

Human Swiss Prot No:O43869

Specificity:Olfactory receptor 2T1 Polyclonal Antibody detects endogenous levels of Olfactory receptor 2T1 protein.

Concentration:1 mg/ml

Storage Stability:-20°C/1 year

Other Name:OR2T1; Olfactory receptor 2T1; Olfactory receptor 1-25; OR1-25; Olfactory receptor OR1-61

Background:olfactory receptor family 2 subfamily T member 1(OR2T1) Homo sapiens Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this

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organism is independent of other organisms. [provided by RefSeq, Jul 2008],

Function:caution:It is uncertain whether Met-1 or Met-52 is the initiator.,function:Odorant receptor .,similarity:Belongs to the G-protein coupled receptor 1 family.,

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

