

O10J4 rabbit pAb

Catalog No :	YT6926
Reactivity :	Human
Applications :	WB
Target :	O10J4
Fields :	>>Olfactory transduction
Gene Name :	OR10J4 OR10J4P
Protein Name :	O10J4
Human Swiss Prot No :	P0C629
Immunogen :	Synthesized peptide derived from human O10J4 AA range: 102-152
Specificity :	This antibody detects endogenous levels of O10J4 at Human
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1[?]500-2000
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)
Molecularweight :	34kD
Background :	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 organism is independent of other organisms. [provided by RefSeq, Jul 2008],

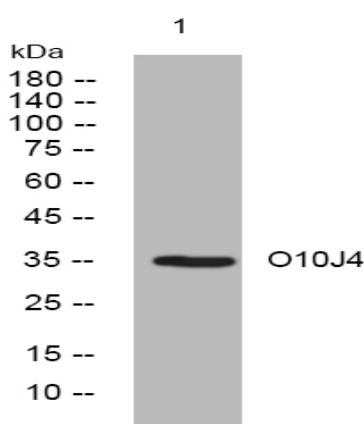
Function :

function:Odorant receptor .,polymorphism:A single nucleotide deletion at position Ile-198 in the gene coding for this protein is responsible for functional diversity thus producing a pseudogene.,similarity:Belongs to the G-protein coupled receptor 1 family.,

Subcellular Location :

Cell membrane; Multi-pass membrane protein.

Products Images



Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4° over night