

OR4Q2 rabbit pAb

Catalog No :	YT7761
Reactivity :	Human
Applications :	WB
Target :	OR4Q2
Fields :	>>Olfactory transduction
Gene Name :	OR4Q2 OR4Q2P
Protein Name :	OR4Q2
Human Swiss Prot No :	P0C623
Immunogen :	Synthesized peptide derived from human OR4Q2 AA range: 94-144
Specificity :	This antibody detects endogenous levels of OR4Q2 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],

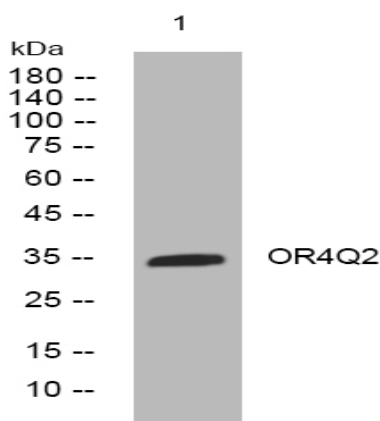
Function :

function:Odorant receptor .,polymorphism:A single nucleotide insertion at position Cys-180 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 HeLa cells, primary antibody was diluted at 1:1000, 4 ° over night