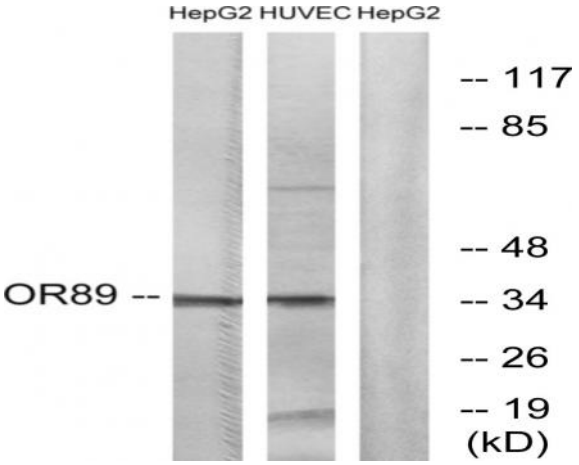
Best Tools for immunology Research

Olfactory receptor 89 Polyclonal Antibody

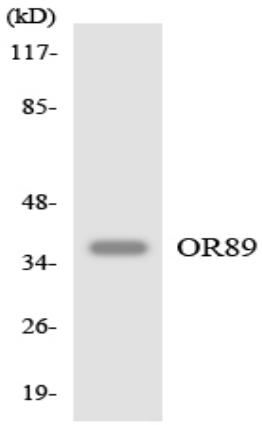
Catalog No :	YT3438
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	Olfactory receptor 89
Gene Name :	olfr89
Protein Name :	Olfactory receptor 89
Human Gene Id :	26701
Human Swiss Prot No :	O95499
Immunogen :	The antiserum was produced against synthesized peptide derived from human OR89. AA range:220-269
Specificity :	Olfactory receptor 89 Polyclonal Antibody detects endogenous levels of Olfactory receptor 89 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 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 :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	35kD
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.

Products Images



Western blot analysis of lysates from HepG2 and HUVEC cells, using OR89 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from RAW264.7cells using OR89 antibody.