

AP53101PU-N**Polyclonal Antibody to OR6X1 (C-term) - Aff - Purified**

Alternate names:	Olfactory receptor 6X1
Quantity:	0.4 ml
Concentration:	lot specific
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.
Uniprot ID:	Q8NH79
NCBI:	NP_001005188
GeneID:	390260
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 283-313 amino acids from the C-terminal region of human OR6X1
Format:	State: Liquid purified Ig fraction Purification: Protein A column, followed by peptide affinity purification Buffer System: PBS containing 0.09% (W/V) Sodium Azide as preservative
Applications:	ELISA: 1/1000. Western Blot: 1/100-1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Human Olfactory receptor 6X1 (C-term).
Add. Information:	Molecular Weight: 34727 Da
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)

Pictures:

Western blot analysis of OR6X1 Antibody (C-term) Cat.-No AP53101PU-N in 293 cell line lysates (35ug/lane). This demonstrates the OR6X1 antibody detected the OR6X1 protein (arrow).

