

Polyclonal Antibody to OR2T4 (Center) - Aff - Purified

Alternate names:	Olfactory receptor 2T4
Catalog No.:	AP53040PU-N
Quantity:	0.1 mg
Concentration:	0.25 mg/ml
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:	Q8NH00
NCBI:	NP_001004696
GeneID:	127074
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 176-205 amino acids from the Central region of Human OR2T4 Genename: OR2T4
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 OR2T4 (Center).
Add. Information:	Molecular Weight: 39414 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:	1. Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589 (2004).

Pictures:

Western blot analysis of OR2T4 Antibody (Center) Cat.-No AP53040PU-N in Human uterine tumor tissue lysates (35ug/lane). This demonstrates the OR2T4 antibody detected the OR2T4 protein (arrow).

