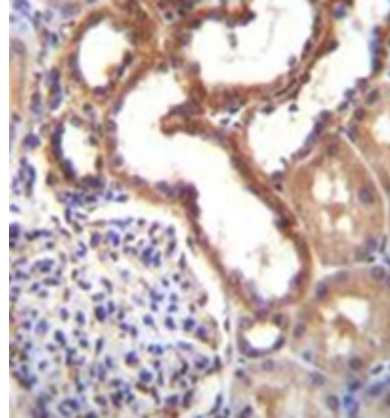


Polyclonal Antibody to OR52K2 (C-term) - Aff - Purified

Alternate names:	Olfactory receptor 52K2
Catalog No.:	AP53079PU-N
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:	Q8NGK3
NCBI:	NP_001005172
GeneID:	119774
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 281-314 amino acids from the C-terminal region of human OR52K2
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. Immunohistochemistry on Paraffin Sections: 1/10-1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Human OR52K2 (C-term).
Add. Information:	Molecular Weight: 34926 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:

Immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue using OR52K2 Antibody (C-term) Cat.-No AP53079PU-N followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of OR52K2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western blot analysis of OR52K2 Antibody (C-term) Cat.-No AP53079PU-N in Y79 cell line lysates (35ug/lane). This demonstrates the OR52K2 antibody detected the OR52K2 protein (arrow)

