

Product datasheet for **AP53026PU-N**

OR2AK2 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 258-287 amino acids from the C-terminal region of Human Olfactory receptor 2AK2
Specificity:	This antibody recognizes Human Olfactory receptor 2AK2 (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	olfactory receptor family 2 subfamily AK member 2
Database Link:	Entrez Gene 391191 Human Q8NG84



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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.

Synonyms:

OR2AK2, OR2AK1P, Olfactory receptor OR1-47

Note:

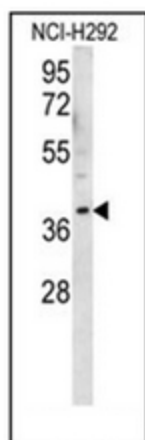
Molecular Weight: 37763 Da

Protein Families:

Transmembrane

Protein Pathways:

Olfactory transduction

Product images:

Western blot analysis of OR2AK2 Antibody (C-term) in NCI-H292 cell line lysates (35ug/lane). This demonstrates the OR2AK2 antibody detected the OR2AK2 protein (arrow).