

Product datasheet for **AP53073PU-N**

OR51Q1 (N-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 33-62 amino acids from the N-terminal region of human Olfactory receptor 51Q1
Specificity:	This antibody recognizes Human Olfactory receptor 51Q1 (N-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 51 subfamily Q member 1 (gene/pseudogene)
Database Link:	Entrez Gene 390061 Human Q8NH59



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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:

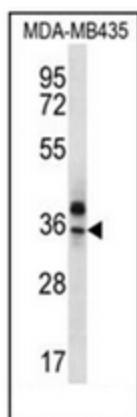
OR51Q1

Note:**Molecular Weight:** 35747 Da**Protein Families:**

Transmembrane

Protein Pathways:

Olfactory transduction

Product images:

Western blot analysis of OR51Q1 Antibody (N-term) in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the OR51Q1 antibody detected the OR51Q1 protein (arrow).