

Product datasheet for **AP53078PU-N**

OR52I2 (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 312-341 amino acids from the C-terminal region of human OR52I2
Specificity:	This antibody recognizes Human Olfactory receptor 52I2 (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 52 subfamily I member 2
Database Link:	Entrez Gene 143502 Human Q8NH67



[View online »](#)

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.

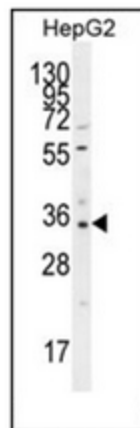
Synonyms: Olfactory receptor OR11-12, Olfactory receptor 52I2

Note: **Molecular Weight:** 38353 Da

Protein Families: GPCR, Transmembrane

Protein Pathways: Olfactory transduction

Product images:



Western blot analysis of OR52I2 Antibody (C-term) in HepG2 cell line lysates (35ug/lane). This demonstrates the OR52I2 antibody detected the OR52I2 protein (arrow).