

Product datasheet for **AP53021PU-N**

OR1D2 (C-term) Rabbit Polyclonal Antibody

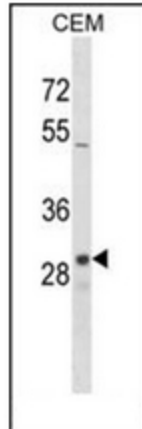
Product data:

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 285-312 amino acids from the C-terminal region of Human Olfactory receptor 1D2
Specificity:	This antibody recognizes Human Olfactory receptor 1D2 (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 1 subfamily D member 2
Database Link:	Entrez Gene 4991 Human P34982



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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:** Olfactory receptor OR17-6, Olfactory receptor-like protein HGMP07E, Olfactory receptor 17-4, OR1D2, OLF1
- Note:** **Molecular Weight:** 35240 Da
- Protein Families:** Druggable Genome, Transmembrane
- Protein Pathways:** Olfactory transduction
- Product images:**



Western blot analysis of OR1D2 Antibody (C-term) in CEM cell line lysates (35ug/lane). This demonstrates the OR1D2 antibody detected the OR1D2 protein (arrow).