

Rabbit anti-Human OR2B6 Polyclonal Antibody | anti-OR2B6 antibody

OR2B6 Antibody (C-term)

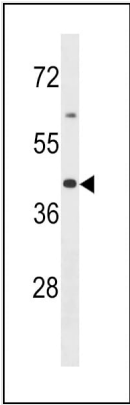
CATALOG # AAA289901	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

OR2B6; Polyclonal Antibody; OR2B6 Antibody (C-term); Olfactory receptor 2B6; Hs6M1-32; Olfactory receptor 2B1; Olfactory receptor 2B5; Olfactory receptor 5-40; OR5-40; Olfactory receptor 6-31; OR6-31; Olfactory receptor OR6-4; OR2B1; OR2B1P; OR2B5; OR2B6P; anti-OR2B6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This OR2B6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 208-236 amino acids from the C-terminal region of human OR2B6.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	208-236
Sequence Length	313
Applicable Applications for anti-OR2B6 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Function	Odorant receptor
Cellular Location	Cell membrane; Multi-pass membrane protein.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
OR2B6 Antibody (C-term) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the OR2B6 antibody detected the OR2B6 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-OR2B6 antibody	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.
Product Categories/Family for anti-OR2B6 antibody	Neuroscience; GPCR Antibodies
References	Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004) Mungall, A.J., et al. Nature 425(6960):805-811(2003) Rouquier, S., et al. Nat. Genet. 18(3):243-250(1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	45504386
NCBI GeneID	26212
NCBI Accession #	NP_036499.1
NCBI GenBank Nucleotide #	NM_012367.1
UniProt Accession #	P58173; O43883; Q6IF89; Q9H5B0
Molecular Weight	35414
NCBI Official Full Name	olfactory receptor 2B6
NCBI Official Synonym Full Names	olfactory receptor, family 2, subfamily B, member 6
NCBI Official Symbol	OR2B6
NCBI Official Synonym Symbols	OR2B1; OR2B5; OR2B1P; OR2B6P; OR5-40; OR5-41; OR6-31; dJ408B20.2
NCBI Protein Information	olfactory receptor 2B6
UniProt Protein Name	Olfactory receptor 2B6

UniProt Gene Name	OR2B6
UniProt Synonym Gene Names	OR2B1; OR2B1P; OR2B5; OR2B6P; OR5-40; OR6-31
UniProt Entry Name	OR2B6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/or2b6-antibody-western-blot-elisa/289901>