

Rabbit anti-Human OR2M3 Polyclonal Antibody | anti-OR2M3 antibody

OR2M3 Antibody (C-term)

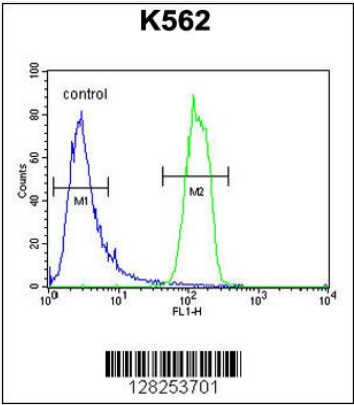
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289329	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

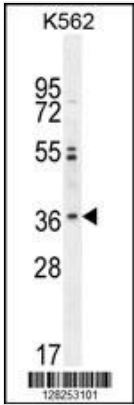
OR2M3; Polyclonal Antibody; OR2M3 Antibody (C-term); Olfactory receptor 2M3; Olfactory receptor 2M6; Olfactory receptor OR1-54; OR2M3P; OR2M6; anti-OR2M3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This OR2M3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 244-272 amino acids from the C-terminal region of human OR2M3.
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	244-272
Sequence Length	312
Applicable Applications for anti-OR2M3 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
OR2M3 Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
OR2M3 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the OR2M3 antibody detected the OR2M3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-OR2M3 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-OR2M3 antibody	Neuroscience; Signal Transduction; GPCR Antibodies
References	Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004) Fuchs, T., et al. Genomics 80(3):295-302(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	52317200
NCBI GeneID	127062
NCBI Accession #	NP_001004689.1
NCBI GenBank Nucleotide #	NM_001004689.1
UniProt Accession #	Q8NG83; Q6IEY0; B9EH06
Molecular Weight	34827
NCBI Official Full Name	olfactory receptor 2M3
NCBI Official Synonym Full Names	olfactory receptor, family 2, subfamily M, member 3
NCBI Official Symbol	OR2M3
NCBI Official Synonym Symbols	OR2M6; OR1-54; OR2M3P; OST003
NCBI Protein Information	olfactory receptor 2M3
UniProt Protein Name	Olfactory receptor 2M3

UniProt Gene Name	OR2M3
UniProt Synonym Gene Names	OR2M3P; OR2M6
UniProt Entry Name	OR2M3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/or2m3-antibody-flow-cytometry-western-blot-elisa/289329>