

Rabbit anti-Human OR4F15 Polyclonal Antibody | anti-OR4F15 antibody

OR4F15 Antibody (N-term)

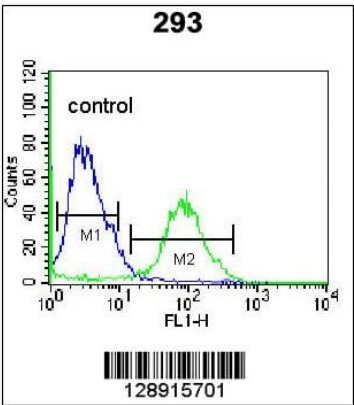
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287401	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

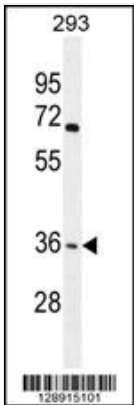
OR4F15; Polyclonal Antibody; OR4F15 Antibody (N-term); Olfactory receptor 4F15; Olfactory receptor OR15-14; anti-OR4F15 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This OR4F15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 69-96 amino acids from the N-terminal region of human OR4F15.
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	69-96
Sequence Length	312
Applicable Applications for anti-OR4F15 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)
OR4F15 Antibody (N-term) flow cytometric analysis of 293 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)
OR4F15 Antibody (N-term) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the OR4F15 antibody detected the OR4F15 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-OR4F15 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-OR4F15 antibody	Neuroscience; Signal Transduction; GPCR Antibodies
References	Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004) Gilad, Y., et al. Am. J. Hum. Genet. 73(3):489-501(2003) Fuchs, T., et al. Genomics 80(3):295-302(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	53828672
NCBI GeneID	390649
NCBI Accession #	NP_001001674.1
NCBI GenBank Nucleotide #	NM_001001674.1
UniProt Accession #	Q8NGB8; Q6IF57; Q96R70; B2RNQ5
Molecular Weight	35369
NCBI Official Full Name	olfactory receptor 4F15
NCBI Official Synonym Full Names	olfactory receptor, family 4, subfamily F, member 15
NCBI Official Symbol	OR4F15
NCBI Protein Information	olfactory receptor 4F15
UniProt Protein Name	Olfactory receptor 4F15

UniProt Gene Name	OR4F15
UniProt Entry Name	O4F15_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/or4f15-antibody-flow-cytometry-western-blot-elisa/287401>