

Rabbit anti-Human OR10G9 Polyclonal Antibody | anti-OR10G9 antibody

OR10G9 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285236	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

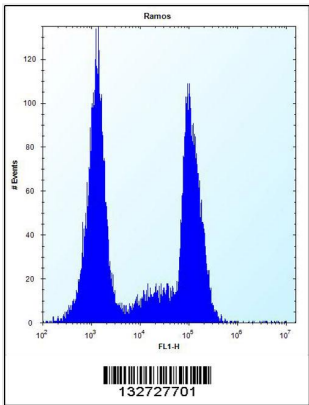
PRODUCT SYNONYMS

OR10G9; Polyclonal Antibody; OR10G9 Antibody (C-term); Olfactory receptor 10G9; Olfactory receptor 10G10; OR10G10P; anti-OR10G9 antibody

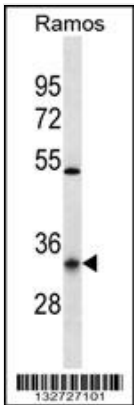
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This OR10G9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 211-239 amino acids from the C-terminal region of human OR10G9.
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	211-239
Sequence Length	311
Applicable Applications for anti-OR10G9 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.

IMAGES



FCM/FACS (Flow Cytometry)
OR10G9 Antibody (C-term) flow cytometric analysis of Ramos cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
OR10G9 Antibody (C-term) western blot analysis in Ramos cell line lysates (35ug/lane).This demonstrates the OR10G9 antibody detected the OR10G9 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-OR10G9 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-OR10G9 antibody	Neuroscience; Signal Transduction; GPCR Antibodies
References	Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	50080193
NCBI GeneID	219870
NCBI Accession #	NP_001001953.1
NCBI GenBank Nucleotide #	NM_001001953.1
UniProt Accession #	Q8NGN4
Molecular Weight	34574
NCBI Official Full Name	olfactory receptor 10G9
NCBI Official Synonym Full Names	olfactory receptor, family 10, subfamily G, member 9
NCBI Official Symbol	OR10G9
NCBI Official Synonym Symbols	OR10G10P
NCBI Protein Information	olfactory receptor 10G9
UniProt Protein Name	Olfactory receptor 10G9

UniProt Gene Name	OR10G9
UniProt Synonym Gene Names	OR10G10P
UniProt Entry Name	O10G9_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/or10g9-antibody-flow-cytometry-western-blot-elisa/285236>