

Rabbit anti-Human OR6V1 Polyclonal Antibody | anti-OR6V1 antibody

OR6V1 Antibody (C-term)

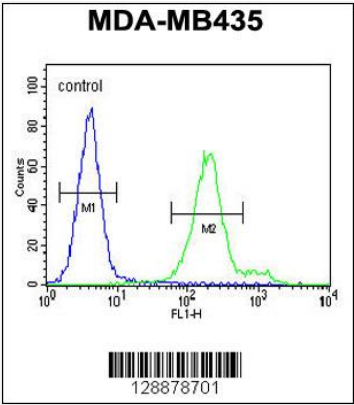
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284659	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

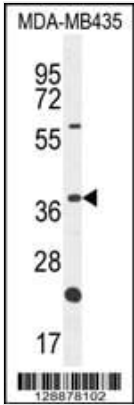
OR6V1; Polyclonal Antibody; OR6V1 Antibody (C-term); Olfactory receptor 6V1; Olfactory receptor OR7-3; anti-OR6V1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This OR6V1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 242-270 amino acids from the C-terminal region of human OR6V1.
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	242-270
Sequence Length	313
Applicable Applications for anti-OR6V1 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)
OR6V1 Antibody (C-term) flow cytometric analysis of MDA-MB435 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)
OR6V1 Antibody (C-term) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the OR6V1 antibody detected the OR6V1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-OR6V1 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-OR6V1 antibody	Neuroscience; Signal Transduction; GPCR Antibodies
References	Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004) Vanti, W.B., et al. Biochem. Biophys. Res. Commun. 305(1):67-71(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	48717323
NCBI GeneID	346517
NCBI Accession #	NP_001001667.1
NCBI GenBank Nucleotide #	NM_001001667.1
UniProt Accession #	Q8N148; Q6IF70; A4D2I0; B9EH48
Molecular Weight	34902
NCBI Official Full Name	olfactory receptor 6V1
NCBI Official Synonym Full Names	olfactory receptor, family 6, subfamily V, member 1
NCBI Official Symbol	OR6V1
NCBI Official Synonym Symbols	GPR138
NCBI Protein Information	olfactory receptor 6V1
UniProt Protein Name	Olfactory receptor 6V1

UniProt Gene Name	OR6V1
UniProt Entry Name	OR6V1_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/or6v1-antibody-flow-cytometry-western-blot-elisa/284659>