

Rabbit anti-Human OR8B8 Polyclonal Antibody | anti-OR8B8 antibody

OR8B8 Antibody (C-term)

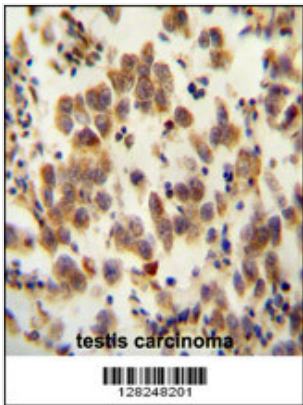
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284462	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

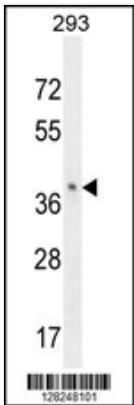
OR8B8; Polyclonal Antibody; OR8B8 Antibody (C-term); Olfactory receptor 8B8; Olfactory receptor TPCR85; Olfactory-like receptor JCG8; anti-OR8B8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This OR8B8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 280-308 amino acids from the C-terminal region of human OR8B8.
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	280-308
Sequence Length	311
Applicable Applications for anti-OR8B8 antibody	IHC (Immunohistochemistry), 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.



IHC (Immunohiostchemistry)
OR8B8 antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the OR8B8 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
OR8B8 Antibody (C-term) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the OR8B8 antibody detected the OR8B8 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-OR8B8 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-OR8B8 antibody	Neuroscience; 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) Gaudin, J.C., et al. Chem. Senses 26(9):1157-1166(2001) Vanderhaeghen, P., et al. Genomics 39(3):239-246(1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	28570170
NCBI GeneID	26493
NCBI Accession #	NP_036510.1
NCBI GenBank Nucleotide #	NM_012378.1
UniProt Accession #	Q15620; Q96RC8; A1L446
Molecular Weight	34482
NCBI Official Full Name	olfactory receptor 8B8
NCBI Official Synonym Full Names	olfactory receptor, family 8, subfamily B, member 8
NCBI Official Symbol	OR8B8
NCBI Official Synonym Symbols	TPCR85

NCBI Protein Information	olfactory receptor 8B8
UniProt Protein Name	Olfactory receptor 8B8
UniProt Gene Name	OR8B8
UniProt Entry Name	OR8B8_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/or8b8-antibody-immunohistochemistry-western-blot-elisa/284462>