

Rabbit anti-Human OR5L2 Polyclonal Antibody | anti-OR5L2 antibody

OR5L2 Antibody (N-term)

CATALOG # AAA285418	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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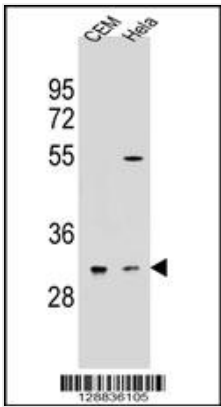
PRODUCT SYNONYMS

OR5L2; Polyclonal Antibody; OR5L2 Antibody (N-term); Olfactory receptor 5L2; HTPCRX16; Olfactory receptor OR11-153; anti-OR5L2 antibody

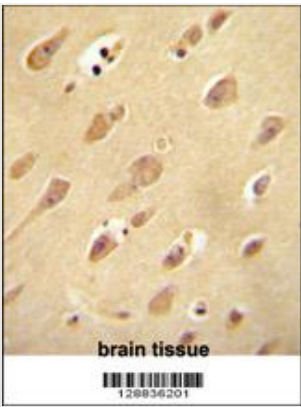
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This OR5L2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 62-90 amino acids from the N-terminal region of human OR5L2.
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	62-90
Sequence Length	311
Applicable Applications for anti-OR5L2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
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



WB (Western Blot)
OR5L2 Antibody (N-term) western blot analysis in CEM,Hela cell line lysates (35ug/lane).This demonstrates the OR5L2 antibody detected the OR5L2 protein (arrow).



IHC (Immunohistochemistry)
OR5L2 antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the OR5L2 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

Related Product Information for anti-OR5L2 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-OR5L2 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) Parmentier, M., et al. Nature 355(6359):453-455(1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	52317130
NCBI GeneID	26338
NCBI Accession #	NP_001004739.1
NCBI GenBank Nucleotide #	NM_001004739.1
UniProt Accession #	Q8NGL0; Q6IF66; Q96RB2
Molecular Weight	34682
NCBI Official Full Name	olfactory receptor 5L2
NCBI Official Synonym Full Names	olfactory receptor, family 5, subfamily L, member 2
NCBI Official Symbol	OR5L2
NCBI Official Synonym Symbols	HTPCRX16; OR11-153; HSHTPCRX16
NCBI Protein Information	olfactory receptor 5L2

UniProt Protein Name	Olfactory receptor 5L2
UniProt Gene Name	OR5L2
UniProt Entry Name	OR5L2_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/or5l2-antibody-western-blot-immunohistochemistry-elisa/285418>