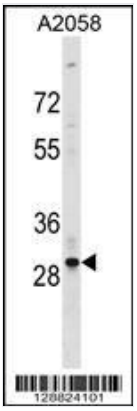
OR4F17 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OR4F17, Polyclonal Antibody
Full Product Name	OR4F17, NT (OR4F17, OR4F11P, OR4F18, OR4F19, Olfactory receptor 4F17, Olfactory receptor 4F11, Olfactory receptor 4F18, Olfactory receptor 4F19) (Azide free) (HRP)
Product Gene Name	anti-OR4F17 antibody
Product Synonym Names	OR4F17; OR4F11P; OR4F18; OR4F19; Olfactory receptor 4F17; Olfactory receptor 4F11; Olfactory receptor 4F18; Olfactory receptor 4F19
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	34,212 Da
3D Structure	ModBase 3D Structure for Q8NGA8
Immunogen	OR4F17 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 60-90 amino acids from the N-terminal region of human OR4F17.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-OR4F17 antibody	Antibodies; Receptors; Olfactory
Applications Tested/Suitable for anti-OR4F17 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-OR4F17 antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-OR4F17 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 References and Citations for anti-OR4F17 antibody	Linardopoulou, E., et al. Hum. Mol. Genet. 10(21):2373-2383(2001). Mefford, H.C., et al. Hum. Mol. Genet. 10(21):2363-2372(2001). Trask, B.J., et al. Hum. Mol. Genet. 7(1):13-26(1998).

Other Notes	Small volumes of anti-OR4F17 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for OR4F17 purchase	MBS6328749 is an antibody targeting OR4F17. Also known as OR4F17, NT (OR4F17, OR4F11P, OR4F18, OR4F19, Olfactory receptor 4F17, Olfactory receptor 4F11, Olfactory receptor 4F18, Olfactory receptor 4F19) (Azide free) (HRP). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-OR4F17 antibody
OR4F17 Antibody (N-term) western blot analysis in A2058 cell line lysates (35ug/lane).This demonstrates the OR4F17 antibody detected the OR4F17 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR4F17. It may not necessarily be applicable to this product.

NCBI GI #	52546739
NCBI GeneID	81099
NCBI Accession #	NP_001005240.1
UniProt Primary Accession #	Q8NGA8
UniProt Secondary Accession #	B2RNE8
UniProt Related Accession #	Q8NGA8
GenBank Nucleotide #	NM_001005240.1
NCBI Official Full Name	olfactory receptor 4F17
NCBI Official Synonym Full Names	olfactory receptor family 4 subfamily F member 17
NCBI Official Symbol	OR4F17
NCBI Official Synonym Symbols	OR4F5; OR4F18; OR4F19; OR4F11P
UniProt Protein Name	Olfactory receptor 4F17
UniProt Synonym Protein Names	Olfactory receptor 4F11; Olfactory receptor 4F18; Olfactory receptor 4F19
Protein Family	Olfactory receptor
UniProt Gene Name	OR4F17
UniProt Synonym Gene Names	OR4F11P; OR4F18; OR4F19
NCBI Protein Information	olfactory receptor 4F17
UniProt Comments for OR4F17	Odorant receptor.

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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