OR4KF Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OR4KF, Polyclonal Antibody
Full Product Name	OR4KF Polyclonal Antibody
Product Gene Name	anti-OR4KF antibody
Product Synonym Names	Olfactory receptor 4K15; Olfactory receptor OR14-20; OR4K15
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Store at-20 degree C for 1 year.
Molecular Weight	38
3D Structure	ModBase 3D Structure for Q8NH41
Immunogen	Synthesized peptide derived from human protein. at AA range: 50-130
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-OR4KF antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-OR4KF antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-OR4KF antibody	MBS8531993 is an antibody targeting OR4KF. Also known as OR4KF Polyclonal Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-OR4KF 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR4KF. It may not necessarily be applicable to this product.

NCBI GI #	53828736
NCBI GeneID	81127
NCBI Accession #	NP_001005486.1
UniProt Primary Accession #	Q8NH41
UniProt Secondary Accession #	Q6IEZ4; B9EIL3
UniProt Related Accession #	Q8NH41
GenBank Nucleotide #	NM_001005486.1
NCBI Official Full Name	olfactory receptor 4K15

NCBI Official Synonym Full Names	olfactory receptor family 4 subfamily K member 15
NCBI Official Symbol	OR4K15
NCBI Official Synonym Symbols	OR14-20; OR4K15Q
UniProt Protein Name	Olfactory receptor 4K15
UniProt Synonym Protein Names	Olfactory receptor OR14-20
UniProt Gene Name	OR4K15
NCBI Protein Information	olfactory receptor 4K15
NCBI Summary for OR4KF	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. [provided by RefSeq, Jul 2008]
UniProt Comments for OR4KF	Odorant receptor.
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