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Product datasheet for TA332285

OR9Q2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-OR9Q2 Antibody is: synthetic peptide directed towards the C-terminal region of Human OR9Q2. Synthetic peptide located within the following region: LRDNTGQSSEGDRVVSVLYTVVTPMLNPLIYSLRNKEVKEATRKALSKSK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	35 kDa
Gene Name:	olfactory receptor family 9 subfamily Q member 2
Database Link:	NP_001005283 Entrez Gene 219957 Human Q8NGE9
Background:	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.

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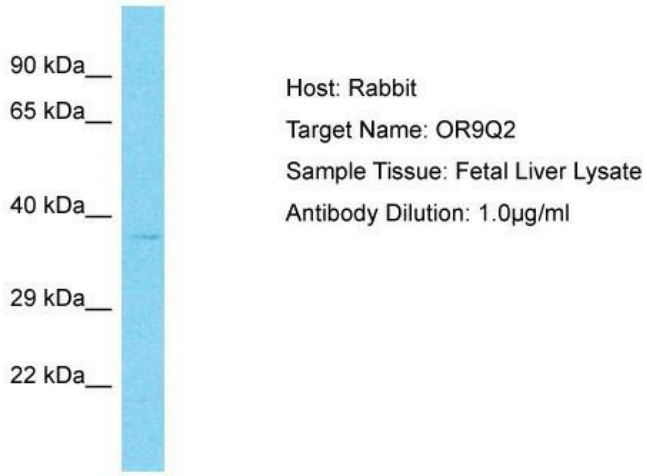
Synonyms: OR9Q2P

Note: Immunogen sequence homology: Dog: 100%; Human: 100%; Horse: 93%; Rat: 92%; Mouse: 92%; Pig: 91%; Bovine: 91%; Rabbit: 91%; Guinea pig: 91%

Protein Families: Transmembrane

Protein Pathways: Olfactory transduction

Product images:



Host: Rabbit; Target Name: OR9Q2; Sample Tissue: Fetal Liver lysates; Antibody Dilution: 1.0ug/ml