

Anti-Olfactory receptor 1D2 antibody



Description	Rabbit polyclonal to Olfactory receptor 1D2.
Model	STJ94647
Host	Rabbit
Reactivity	Human
Applications	ELISA, IF, WB
Immunogen	Synthesized peptide derived from human Olfactory receptor 1D2
Immunogen Region	180-260 aa, Internal
Gene ID	4991
Gene Symbol	OR1D2
Dilution range	WB 1:500-1:2000IF 1:200-1:1000ELISA 1:20000
Specificity	Olfactory receptor 1D2 Polyclonal Antibody detects endogenous levels of Olfactory receptor 1D2 protein.
Tissue Specificity	Expressed in testis. Expressed in spermatozoa (at protein level). Expressed in olfactory epithelium.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Olfactory receptor 1D2 Olfactory receptor 17-4 OR17-4 Olfactory receptor OR17-6 Olfactory receptor-like protein HGMP07E
Molecular Weight	40 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:8183OMIM:164342
Alternative Names	Olfactory receptor 1D2 Olfactory receptor 17-4 OR17-4 Olfactory receptor OR17-6 Olfactory receptor-like protein HGMP07E
Function	Odorant receptor which may be involved in sperm chemotaxis. Bourgeonal is a strong chemoattractant for sperm in vitro and is shown to be a strong agonist for OR1D2 in vitro. May also function in olfactory reception.
Cellular Localization	Cell membrane. In spermatazoa is localized in the midpiece and is translocated to the head region upon receptor stimulation with bourgeonal.

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