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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP58506_P050-HRP
Product Page	www.avivasysbio.com/or10x1-antibody-middle-region-hrp-arp58506-p050-hrp.html
Name	OR10X1 Antibody - middle region : HRP (ARP58506_P050-HRP)
Protein Size (# AA)	326 amino acids
Molecular Weight	36kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	128367
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Olfactory receptor, family 10, subfamily X, member 1
Alias Symbols	OR1-13, OR1-14, OR10X1P
Peptide Sequence	Synthetic peptide located within the following region: NIMTKVHGKRYAYKFDFHGIAQALQPHPPESLYKYPSDLPYMGSYHAHP
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Gregory,S.G., (2006) Nature 441 (7091), 315-321
Description of Target	OR10X1 is an odorant receptor.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.
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-OR10X1 (ARP58506_P050-HRP) antibody
Blocking Peptide	For anti-OR10X1 (ARP58506_P050-HRP) antibody is Catalog # AAP58506 (Previous Catalog # AAPP34817)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human OR10X1
Uniprot ID	Q8NGY0
Protein Name	Olfactory receptor 10X1
Protein Accession #	NP_001004477
Purification	Affinity Purified
Nucleotide Accession #	NM_001004477
Gene Symbol	OR10X1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 86%; Guinea Pig: 85%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 93%; Rabbit: 86%; Rat: 100%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com