

Rabbit OR2A4 Polyclonal Antibody | anti-OR2A4 antibody

Rabbit Polyclonal to Human OR2A4

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52040	Rabbit	Human Predicted Reactivity: Horse (at least 90% immunogen sequence identity)	Immunohistochemistry

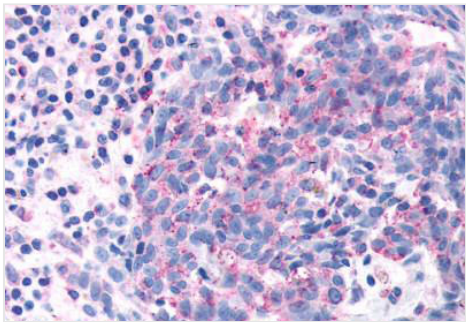
PRODUCT SYNONYMS

OR2A4; Polyclonal Antibody; Rabbit Polyclonal to Human OR2A4; Anti-OR2A4 Antibody (Extracellular Domain) IHC-plus; Olfactory receptor 2A4; Olfactory receptor 2A10; Olfactory receptor OR6-37; OR2A10; Human OR2A4; anti-OR2A4 antibody

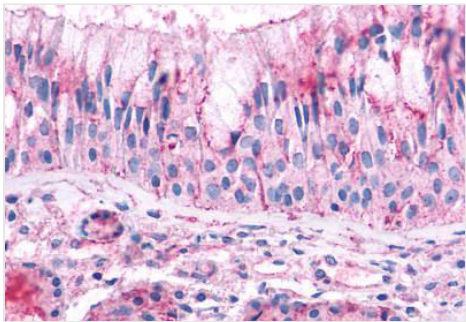
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Horse (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human OR2A4. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except OR2T35 (71%), OR2T2 (71%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	310
Applicable Applications for anti-OR2A4 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 14 amino acid peptide from 2nd extracellular domain of human OR2A4. Percent identity with other species by BLAST analysis: Human (100%); Horse (93%); Marmoset, Panda, Dog, Opossum (86%).
Immunogen Type	Synthetic peptide
Immunogen	OR2A4 antibody was raised against synthetic 14 amino acid peptide from 2nd extracellular domain of human OR2A4. Percent identity with other species by BLAST analysis: Human (100%); Horse (93%); Marmoset, Panda, Dog, Opossum (86%).
Antigen Modification	Extracellular Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-OR2A4 antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-OR2A4 antibody IHC of human nasal mucosa, respiratory epithelium. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-OR2A4 antibody	OR2A4, an Olfactory Receptor, is similar to mouse and rat mK7 olfactory receptor.
Product Categories/Family for anti-OR2A4 antibody	Family: GPCR; Subfamily: Olfactory

NCBI AND UNIPROT INFORMATION

NCBI GI #	13929212
NCBI GeneID	79541
NCBI Accession #	NP_112170.1
NCBI GenBank Nucleotide #	NM_030908.2
UniProt Accession #	O95047; Q0VAR3; Q6IF18; Q9NQNO
Molecular Weight	34,802 Da
NCBI Official Full Name	olfactory receptor 2A4
NCBI Official Synonym Full Names	olfactory receptor, family 2, subfamily A, member 4
NCBI Official Symbol	OR2A4
NCBI Official Synonym Symbols	OR2A10
NCBI Protein Information	olfactory receptor 2A4; olfactory receptor 2A10; olfactory receptor OR6-37; olfactory receptor, family 2, subfamily A, member 10
UniProt Protein Name	Olfactory receptor 2A4
UniProt Gene Name	OR2A4
UniProt Synonym Gene Names	OR2A10
UniProt Entry Name	OR2A4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.