Datasheet for ABIN5585002

anti-OR2A4 antibody (3rd Cytoplasmic Domain)

1 Image

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Overview

Quantity:	50 µg
Target:	OR2A4
Binding Specificity:	3rd Cytoplasmic Domain
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR2A4 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of OR2A4.
Immunogen:	A synthetic peptide corresponding to 18 amino acids from 3rd cytoplasmic domain of human OR2A4.
Specificity:	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except OR2A1 (72 %), OR2A14 (72 %), OR2A5 (72 %), OR2B2 (72 %), OR5V1 (67 %), OR2F1 (67 %), OR2F2 (67 %).
Cross-Reactivity:	Human
Cross-Reactivity (Details):	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except OR2A1 (72 %), OR2A14 (72 %), OR2A5 (72 %), OR2B2 (72 %), OR5V1 (67 %), OR2F1 (67 %), OR2F2 (67 %).

Target Details

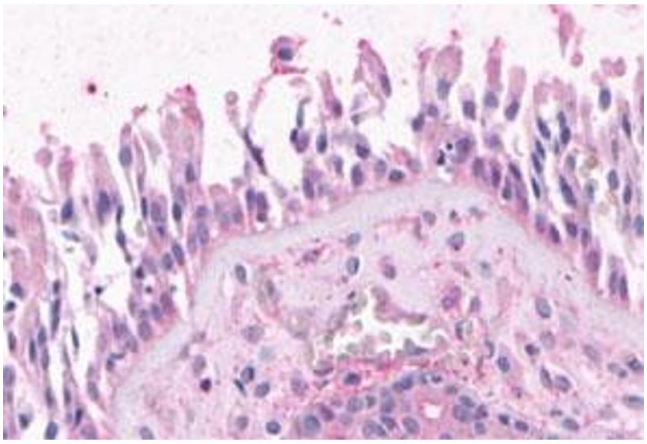
Target:	OR2A4
Alternative Name:	OR2A4 (OR2A4 Products)
Background:	Full Gene Name: olfactory receptor, family 2, subfamily A, member 4 Synonyms: OR2A10
Gene ID:	79541

Application Details

Application Notes:	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (16 µg/mL) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS (0.09 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.



Immunohistochemistry

Image 1. Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human nasal mucosa, respiratory epithelium with OR2A4 polyclonal antibody . Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

