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Datasheet for ABIN1387443  
**anti-OR10A5 antibody (AA 231-317)**

## Overview

Quantity:	100 µL
Target:	OR10A5
Binding Specificity:	AA 231-317
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR10A5 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human OR10A5
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Horse, Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	OR10A5
Alternative Name:	OR10A5 ( <a href="#">OR10A5 Products</a> )

## Target Details

Background:	<p>Synonyms: HP3, O10A5_HUMAN, Olfactory receptor 10A1, Olfactory receptor 10A5, Olfactory receptor 11-403, Olfactory receptor-like protein JCG6, OR10A1, OR10A5, OR11-403, R10A1.</p> <p>Background: Olfactory receptors interact with odorant molecules in the nose to initiate a neuronal response that leads to the perception of smell. While they share a seven transmembrane domain structure with many neurotransmitter and hormone receptors, olfactory receptors are responsible for the recognition and transduction of odorant signals. OR10A2 (olfactory receptor 10A2) and OR10A5 (olfactory receptor 10A5) are multi-pass membrane proteins that belong to the G-protein coupled receptor 1 family and are encoded by genes that map to human chromosome 11p15.4. Chromosome 11 houses over 1,400 genes and comprises nearly 4 % of the human genome. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are associated with defects in genes that map to chromosome 11.</p>
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## Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Handling

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Expiry Date: 12 months