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Datasheet for ABIN1392418

anti-OR10A5 antibody (AA 231-317) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	OR10A5
Binding Specificity:	AA 231-317
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR10A5 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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 (OR10A5 Products)
Background:	Synonyms: HP3, O10A5_HUMAN, Olfactory receptor 10A1, Olfactory receptor 10A5, Olfactory

Target Details

receptor 11-403, Olfactory receptor-like protein JCG6, OR10A1, OR10A5, OR11-403, R10A1.

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.

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months