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Datasheet for ABIN1385211
anti-TAS2R20 antibody (AA 111-210)

Overview

Quantity:	100 µL
Target:	TAS2R20
Binding Specificity:	AA 111-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAS2R20 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TAS2R49
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	TAS2R20
Alternative Name:	TAS2R49 (TAS2R20 Products)

Target Details

Background: Synonyms: T2R20, T2R20_HUMAN, T2R49, T2R56, TAS2R20, Taste receptor type 2 member 20, Taste receptor type 2 member 49, Taste receptor type 2 member 56

Background: The sense of taste provides animals with valuable information about the quality and nutritional value of food. A family of G protein coupled receptors are involved in taste perception and include T1R, which is involved in sweet and umami taste perception and T2R, which is involved in bitter taste perception. Both types of taste receptors couple to various G proteins to initiate signal transduction cascades. T2R49 plays a role in sensing the chemical composition of the gastrointestinal content. T2R49 is expressed in subsets of taste receptor cells of the tongue and exclusively in gustducin-positive cells.

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

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.

Expiry Date: 12 months