Datasheet for ABIN6265459

anti-TAS2R4 antibody (Internal Region)

Go to Product page

1 Image

Overview

Quantity:	100 µL
Target:	TAS2R4 (Tas2r108)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAS2R4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human TAS2R4, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	TAS2R4 Antibody detects endogenous levels of total TAS2R4.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	TAS2R4 (Tas2r108)
Alternative Name:	TAS2R4 (Tas2r108 Products)

Target Details

Background:	Description: Gustducin-coupled receptor for denatonium and N6-propyl-2-thiouracil implicated in the perception of bitter compounds in the oral cavity and the gastrointestinal tract. Signals through PLCB2 and the calcium-regulated cation channel TRPM5. In airway epithelial cells, binding of denatonium increases the intracellular calcium ion concentration and stimulates ciliary beat frequency. Gene: TAS2R4
Molecular Weight:	34 kDa
Gene ID:	50832
UniProt:	Q9NYW5

Application Details

Application Notes:	WB 1:1000-3000, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

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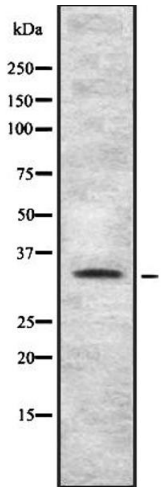

Western Blotting

Image 1. Western blot analysis of TAS2R4 using HT-29 whole cell lysates

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