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anti-TAS2R31 antibody (C-Term)



Image



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Quantity:	0.4 mL
Target:	TAS2R31
Binding Specificity:	AA 279-309, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAS2R31 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)
Product Details	
lmmunogen:	KLH conjugated synthetic peptide between 279-309 amino acids from the C-terminal region of human TAS2R31
Isotype:	lg Fraction
Specificity:	This antibody reacts to TAS2R31.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A
Target Details	
Target:	TAS2R31
Alternative Name:	TAS2R44 (TAS2R31 Products)

Target Details

Background:	TAS2R44 belongs to the large TAS2R receptor family. TAS2Rs are expressed on the surface of
	taste receptor cells and mediate the perception of bitterness through a G protein-coupled
	second messenger pathway (Conte et al., 2002 [PubMed 12584440]). For further information on
	TAS2Rs, see MIM 604791.Synonyms: T2R53, Taste receptor T2R44, Taste receptor type 2
	member 44
Molecular Weight:	35296 Da
Gene ID:	259290
NCBI Accession:	NP_795366

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Western Blotting

Image 1. TAS2R31 Antibody (C-term) western blot analysis in MDA-MB231 cell line lysates (35μg/lane). This demonstrates the TAS2R31 antibody detected the TAS2R31 protein (arrow).