

Datasheet for ABIN955085
anti-TAS2R7 antibody (C-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	TAS2R7
Binding Specificity:	AA 207-235, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAS2R7 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 207-235 amino acids from the C-terminal region of human TAS2R7
Isotype:	Ig Fraction
Specificity:	This antibody reacts to TAS2R7.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	TAS2R7
Alternative Name:	TAS2R7 (TAS2R7 Products)

Target Details

Background: This gene product belongs to the family of candidate taste receptors that are members of the G-protein-coupled receptor superfamily. These proteins are specifically expressed in the taste receptor cells of the tongue and palate epithelia. They are organized in the genome in clusters and are genetically linked to loci that influence bitter perception in mice and humans. In functional expression studies, they respond to bitter tastants. This gene maps to the taste receptor gene cluster on chromosome 12p13. Synonyms: TRB4, Taste receptor family B member 4, Taste receptor type 2 member 7

Molecular Weight: 36550 Da

Gene ID: 50837

NCBI Accession: [NP_076408](#)

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. TAS2R7 Antibody (C-term) western blot analysis in HL-60 cell line lysates (35µg/lane). This demonstrates the TAS2R7 antibody detected the TAS2R7 protein (arrow).