



Anti-TAS2R4 polyclonal antibody (CABT-BL3520)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	A synthetic peptide from Human TAS2R4 conjugated to an immunogenic carrier protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	IgG fraction
Conjugate	Unconjugated
Applications	WB, IHC-P, IHC-Fr
Reconstitution	Reconstitute in 500 µl of sterile water. Centrifuge to remove any insoluble material.
Cellular Localization	Membrane; Multi-pass membrane protein.
Format	Lyophilised
Buffer	1X PBS
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C (add glycerol to a final volume of 40% for extra stability). Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction TAS2R4 is a gustducin-coupled receptor for denatonium and N(6)-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. TAS2R4 is expressed in subsets of taste receptor cells of the tongue and palate epithelium and exclusively in gustducin-positive cells.

GENE INFORMATION

Entrez Gene ID	50832
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Protein Refseq	NP_058640
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UniProt ID	Q9NYW5
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