



Anti-TAS2R4 (cytoplasmic domain) polyclonal antibody (CABT-BL3521)

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

PRODUCT INFORMATION

Immunogen	A synthetic peptide from a cytoplasmic domain of rat taste receptor, type 2, member 4 (Tas2r4, T2R4) conjugated to an immunogenic carrier protein was used as the immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat
Purification	Whole serum
Conjugate	Unconjugated
Applications	IHC, WB
Format	Lyophilised
Preservative	None
Storage	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Ship	This item will be shipped to you at ambient temperature in a lyophilised form.

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
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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_058640.1
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UniProt ID	Q9NYW5
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