

TAS1R3 polyclonal antibody

Catalog # PAB11471 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of TAS1R3.
Immunogen	A synthetic peptide corresponding to human TAS1R3.
Sequence	C-QNDGNTGNQGKHE
Host	Goat
Theoretical MW (kDa)	93.4
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — TAS1R3

Entrez GeneID	83756
Protein Accession#	NP_689414.1
Gene Name	TAS1R3
Gene Alias	T1R3
Gene Description	taste receptor, type 1, member 3
Omim ID	605865
Gene Ontology	Hyperlink
Gene Summary	The TAS1R3 gene encodes the human homolog of mouse Sac, a major determinant of difference s between sweet-sensitive and -insensitive mouse strains in their responsiveness to sucrose, sac charine, and other sweeteners.[supplied by OMIM
Other Designations	OTTHUMP00000003108

Publication Reference

- [Gut-expressed gustducin and taste receptors regulate secretion of glucagon-like peptide-1.](#)
Jang HJ, Kokrashvili Z, Theodorakis MJ, Carlson OD, Kim BJ, Zhou J, Kim HH, Xu X, Chan SL, Juhaszova M, Bernier M, Mosinger B, Margolskee RF, Egan JM.
PNAS 2007 Sep; 104(38):15069.
Application: IF, Human, L cells of human duodenum

Pathway

- [Taste transduction](#)

Disease

- [Deafness](#)
- [Taste](#)

- [Taste Perception](#)
- [Taste Threshold](#)