

TAS1R3 polyclonal antibody

Catalog # PAB7488

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-GQNDGNTGNQGKHE
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 (1:32000) 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

- [The binding site for neohesperidin dihydrochalcone at the human sweet taste receptor.](#)

Winnig M, Bufe B, Kratochwil NA, Slack JP, Meyerhof W.

BMC Structural Biology 2007 Oct; 7:66.

Pathway

- [Taste transduction](#)

Disease

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

- [Taste Threshold](#)