



Anti-TAS1R3 polyclonal antibody (DPAB-DC3440)

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

PRODUCT INFORMATION

Antigen Description	The TAS1R3 gene encodes the human homolog of mouse Sac, a major determinant of differences between sweet-sensitive and -insensitive mouse strains in their responsiveness to sucrose, saccharine, and other sweeteners (Max et al., 2001 [PubMed 11326277]).[supplied by OMIM, Jan 2010]
Immunogen	A synthetic peptide corresponding to human TAS1R3. The sequence is C-QNDGNTGNQGKHE
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	TAS1R3 taste receptor, type 1, member 3 [Homo sapiens (human)]
Official Symbol	TAS1R3
Synonyms	TAS1R3; taste receptor, type 1, member 3; T1R3; taste receptor type 1 member 3; sweet taste receptor T1R3;
Entrez Gene ID	83756
Protein Refseq	NP_689414
UniProt ID	Q7RTX0
Chromosome Location	1p36.33
Pathway	Carbohydrate digestion and absorption; Class C/3 (Metabotropic glutamate/pheromone receptors); Signal Transduction; Taste transduction.
Function	protein heterodimerization activity; contributes_to sweet taste receptor activity; taste receptor activity; contributes_to taste receptor activity