



Anti-TAS2R31 (aa 279-309) polyclonal antibody (DPABH-24019)

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

PRODUCT INFORMATION

Antigen Description	Receptor that may play a role in the perception of bitterness and is gustducin-linked. May play a role in sensing the chemical composition of the gastrointestinal content. The activity of this receptor may stimulate alpha gustducin, mediate PLC-beta-2 activation and lead to the gating of TRPM5 (By similarity). Activated by the sulfonyl amide sweeteners saccharin and acesulfame K.
Immunogen	KLH conjugated synthetic peptide corresponding to a region within C terminal amino acids 279-309 of Human TAS2R44 (NP_795366.2).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µg
Buffer	Constituent: 99% PBS
Preservative	0.09% Sodium Azide
Storage	Store at 2-8°C for up to 6 months. For long term storage store at -20°C.

GENE INFORMATION

Gene Name	TAS2R31 taste receptor, type 2, member 32 [Homo sapiens]
Official Symbol	TAS2R31
Synonyms	TAS2R31; taste receptor, type 2, member 31; T2R31; T2R44; T2R53; TAS2R44; taste receptor type 2 member 31; taste receptor type 2 member 44; taste receptor type 2 member 53; taste

receptor, type 2, member 44;

Entrez Gene ID	259290
Protein Refseq	NP_795366.2
UniProt ID	P59538
Pathway	Class C/3 (Metabotropic glutamate/pheromone receptors); GPCR downstream signaling; Signal Transduction; Taste transduction.
Function	bitter taste receptor activity;
