

TAS2R8 rabbit monoclonal antibody

Catalog # H00050836-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human TAS2R8 peptide using ARM Technology.
Immunogen	A synthetic peptide of human TAS2R8 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human TAS2R8 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — TAS2R8

Entrez GeneID [50836](#)

GeneBank Accession# [TAS2R8](#)

Gene Name TAS2R8

Gene Alias T2R8, TRB5

Gene Description taste receptor, type 2, member 8

Omim ID [604794](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene product belongs to the family of candidate taste receptors that are members of the G-protein-coupled receptor superfamily. These proteins are specifically expressed in the taste receptor cells of the tongue and palate epithelia. They are organized in the genome in clusters and are genetically linked to loci that influence bitter perception in mice and humans. In functional expression studies, they respond to bitter tastants. This gene maps to the taste receptor gene cluster on chromosome 12p13. [provided by RefSeq]

Other Designations taste receptor, family B, member 5

Pathway

- [Taste transduction](#)