

TAS2R43 rabbit monoclonal antibody

Catalog # H00259289-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human TAS2R43 peptide using ARM Technology.
Immunogen	A synthetic peptide of human TAS2R43 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 TAS2R43 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 — TAS2R43

Entrez GeneID	259289
GeneBank Accession#	TAS2R43
Gene Name	TAS2R43
Gene Alias	T2R43, T2R52
Gene Description	taste receptor, type 2, member 43
Gene Ontology	Hyperlink
Gene Summary	TAS2R43 belongs to the large TAS2R receptor family. TAS2Rs are expressed on the surface of taste receptor cells and mediate the perception of bitterness through a G protein-coupled second messenger pathway (Conte et al., 2002 [PubMed 12584440]). For further information on TAS2Rs , see MIM 604791.[supplied by OMIM]
Other Designations	-

Pathway

- [Taste transduction](#)