

# TAS2R1 rabbit monoclonal antibody

Catalog # H00050834-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human TAS2R1 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human TAS2R1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human TAS2R1 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — TAS2R1

Entrez GeneID	<a href="#">50834</a>
GeneBank Accession#	<a href="#">TAS2R1</a>
Gene Name	TAS2R1
Gene Alias	MGC126778, MGC126780, T2R1, TRB7
Gene Description	taste receptor, type 2, member 1
Omim ID	<a href="#">604796</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a member of a family of candidate taste receptors that are members of the G protein-coupled receptor superfamily and that are specifically expressed by taste receptor cells of the tongue and palate epithelia. This intronless taste receptor gene encodes a 7-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is mapped to chromosome 5p15, the location of a genetic locus (PROP) that controls the detection of the bitter compound 6-n-propyl-2-thiouracil. [provided by RefSeq]
Other Designations	OTTHUMP00000115583 taste receptor T2R1 taste receptor, family B, member 7

## Pathway

- [Taste transduction](#)

## Disease

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)