

TAAR1 rabbit monoclonal antibody

Catalog # H00134864-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human TAAR1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human TAAR1 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 TAAR1 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 — TAAR1

Entrez GeneID	134864
GeneBank Accession#	TAAR1
Gene Name	TAAR1
Gene Alias	MGC126874, MGC138399, RP11-295F4.9, TA1, TAR1, TRAR1
Gene Description	trace amine associated receptor 1
Omim ID	609333
Gene Ontology	Hyperlink
Gene Summary	TAAR1 is a G protein-coupled receptor activated by trace amines. Trace amines are endogenous amine compounds that account for less than 1% of the biogenic amines in most brain regions (Bunzow et al., 2001 [PubMed 11723224]).[supplied by OMIM]
Other Designations	OTTHUMP00000017224 trace amine receptor 1

Pathway

- [Neuroactive ligand-receptor interaction](#)