T2R40 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	T2R40, Polyclonal Antibody
Full Product Name	T2R40 Polyclonal Antibody
Product Gene Name	anti-T2R40 antibody
Product Synonym Names	Taste receptor type 2 member 40; T2R40; G-protein coupled receptor 60; Taste receptor type 2 member 58; T2R58; TAS2R40; GPR60
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Store at-20 degree C for 1 year.
Molecular Weight	35
OMIM	613964
3D Structure	ModBase 3D Structure for P59535
Immunogen	Synthesized peptide derived from human protein. at AA range: 120-200
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-T2R40 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-T2R40 antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-T2R40 antibody	MBS8532048 is an antibody targeting T2R40. Also known as T2R40 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-T2R40 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for T2R40. It may not necessarily be applicable to this product.

NCBI GI #	28882033
NCBI GeneID	259286
NCBI Accession #	NP_795363.1
UniProt Primary Accession #	P59535
UniProt Secondary Accession #	Q645W6; A4D2I2
UniProt Related Accession #	P59535

GenBank Nucleotide #	NM_176882.2
NCBI Official Full Name	taste receptor type 2 member 40
NCBI Official Synonym Full Names	taste 2 receptor member 40
NCBI Official Symbol	TAS2R40
NCBI Official Synonym Symbols	GPR60; T2R40; T2R58
UniProt Protein Name	Taste receptor type 2 member 40
UniProt Synonym Protein Names	G-protein coupled receptor 60; Taste receptor type 2 member 58; T2R58
Protein Family	Taste receptor
UniProt Gene Name	TAS2R40
UniProt Synonym Gene Names	GPR60; T2R40; T2R58
NCBI Protein Information	taste receptor type 2 member 40
NCBI Summary for T2R40	This gene encodes a member of the bitter taste receptor family which belong to the G protein-coupled receptor superfamily and are predominantly expressed in taste receptor cells of the tongue and palate epithelia. This intronless taste receptor gene encodes a seven-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is clustered together with eight other taste receptor genes on chromosome 7. A decrease in the expression of this gene is associated with hypogeusia. [provided by RefSeq, Jul 2017]
UniProt Comments for T2R40	Gustducin-coupled receptor implicated in the perception of bitter compounds in the oral cavity and the gastrointestinal tract. Signals through PLCB2 and the calcium-regulated cation channel TRPM5.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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