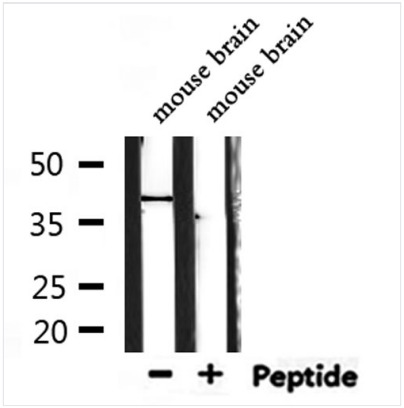
TAS2R40 Antibody – Rabbit Polyclonal

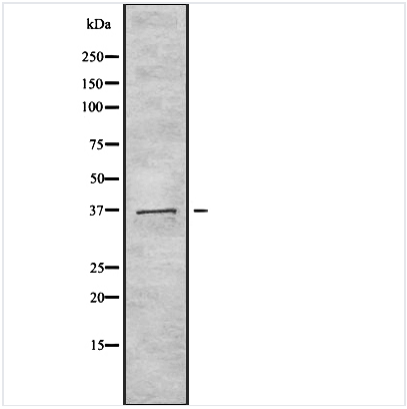
PRODUCT OVERVIEW

Product Name	TAS2R40, Polyclonal Antibody
Full Product Name	TAS2R40 Antibody
Product Gene Name	anti-TAS2R40 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Concentration	1mg/ml (lot specific)
Specificity	TAS2R40 antibody detects endogenous levels of total TAS2R40
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.
Antibody/Peptide Pairs	TAS2R40 peptide (MBS9620603) is used for blocking the activity of TAS2R40 antibody (MBS9603126)
Molecular Weight	Observed: 37 kDa Predicted: 37 kDa
3D Structure	ModBase 3D Structure for P59535
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Immunogen	A synthesized peptide derived from human TAS2R40
Tissue Specificity	Expressed in subsets of taste receptor cells of the tongue and exclusively in gustducin-positive cells.
Predicted Cross Reactivity	**Pig, Bovine, Horse, Sheep, Dog**
Similarity	Pig (83%), Bovine (90%), Horse (100%), Sheep (83%), Dog (90%)
Conjugation	Unconjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TAS2R40 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-TAS2R40 antibody	WB: 1:1000-3000
Related Product Information for anti-TAS2R40 antibody	Function: 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. Similarity: Belongs to the G-protein coupled receptor T2R family.
Other Notes	Small volumes of anti-TAS2R40 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.

Searchable Terms for TAS2R40 purchase	MBS9603126 is an antibody targeting TAS2R40. Also known as TAS2R40 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-TAS2R40 antibody
Western blot analysis of extracts from mouse brain, using TAS2R40 Antibody.



Western Blot (WB) of anti-TAS2R40 antibody
Western blot analysis of TAS2R40 using 293 whole cell lysates

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TAS2R40. 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 TAS2R40	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 TAS2R40	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.

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