

Rabbit anti-Human TAS2R39 Polyclonal Antibody | anti-TAS2R39 antibody

TAS2R39 Antibody

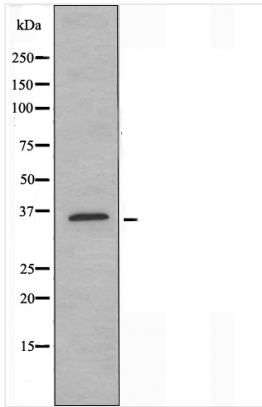
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325759	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

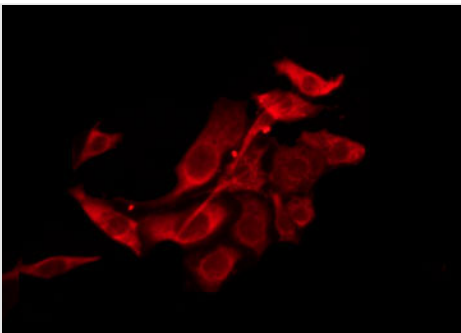
TAS2R39; Polyclonal Antibody; TAS2R39 Antibody; T2R39; T2R39_HUMAN; T2R57; Taste receptor type 2 member 39; Taste receptor type 2 member 57; anti-TAS2R39 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	TAS2R39 antibody detects endogenous levels of total TAS2R39
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	338
Applicable Applications for anti-TAS2R39 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Membrane.
Tissue Specificity	Expressed in subsets of taste receptor cells of the tongue and exclusively in gustducin-positive cells.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using TAS2R39 antibody.



IF (Immunofluorescence)
AAA325759 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TAS2R39 antibody	Function: Receptor that may play a role in the perception of bitterness and is gustducin-linked. May play a role in sensing the chemical composition of the gastrointestinal content. The activity of this receptor may stimulate alpha gustducin, mediate PLC-beta-2 activation and lead to the gating of TRPM5 (By similarity). Similarity: Belongs to the G-protein coupled receptor T2R family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116875819
NCBI GeneID	259285
NCBI Accession #	NP_795362.2
NCBI GenBank Nucleotide #	NM_176881.2
UniProt Accession #	P59534; Q3ZCN6; Q645W4; A4FUI7
Molecular Weight	Observed: 36 kD Predicted: 39 kDa
NCBI Official Full Name	taste receptor type 2 member 39
NCBI Official Synonym Full Names	taste 2 receptor member 39
NCBI Official Symbol	TAS2R39
NCBI Official Synonym Symbols	T2R39; T2R57
NCBI Protein Information	taste receptor type 2 member 39
UniProt Protein Name	Taste receptor type 2 member 39
UniProt Gene Name	TAS2R39
UniProt Synonym Gene Names	T2R39; T2R57

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.