Rabbit T1R3 / TAS1R3 Polyclonal Antibody | anti-T1R3 antibody

Rabbit Polyclonal to Human T1R3 / TAS1R3

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51582	**Rabbit**	**Chimpanzee, Gorilla, HumanPredicted Reactivity: Orangutan (at least 90% immunogen sequence identity)**	**Immunohistochemistry**

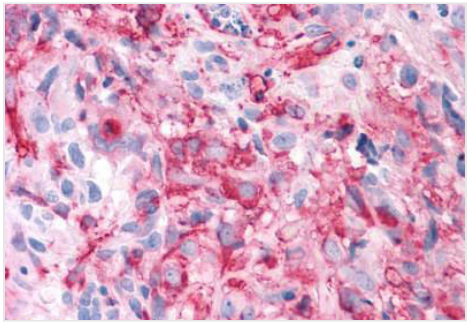
PRODUCT SYNONYMS

T1R3 / TAS1R3; Polyclonal Antibody; Rabbit Polyclonal to Human T1R3 / TAS1R3; Anti-T1R3 / TAS1R3 Antibody (N-Terminus) IHC-plus; TAS1R3; Taste receptor type 1 member 3; TR3; Sweet taste receptor T1R3; T1R3; Human T1R3; anti-T1R3 antibody

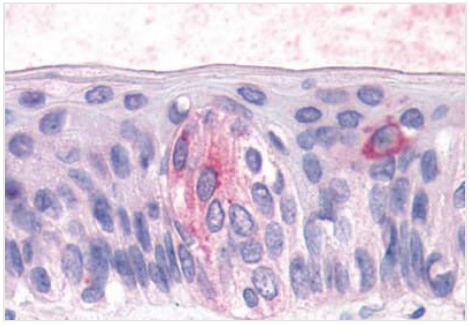
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Chimpanzee, Gorilla, Human **Predicted Reactivity:** Orangutan (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human TAS1R3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	852
Applicable Applications for anti-T1R3 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from N-terminal extracellular domain of human TAS1R3. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla (100%); Orangutan (90%); Marmoset (85%); Baboon, Monkey, Panda (80%).
Immunogen Type	Synthetic peptide
Immunogen	T1R3 / TAS1R3 antibody was raised against synthetic 20 amino acid peptide from N-terminal extracellular domain of human TAS1R3. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla (100%); Orangutan (90%); Marmoset (85%); Baboon, Monkey, Panda (80%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

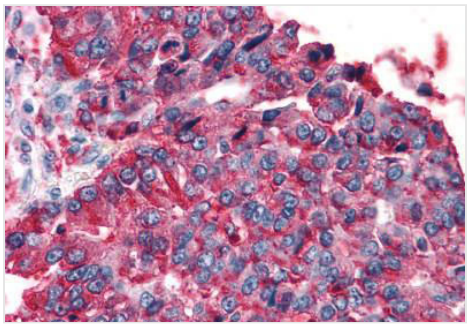
IMAGES



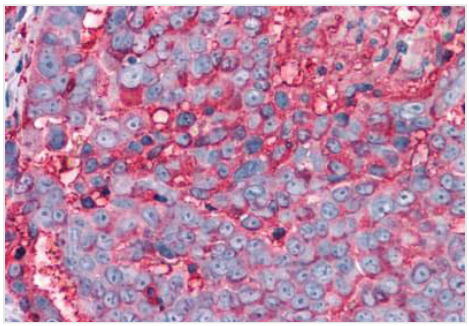
IHC (Immunohistochemistry)
Anti-T1R3 / TAS1R3 antibody IHC of human Brain, Glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



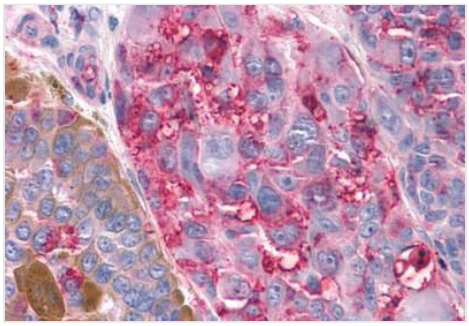
IHC (Immunohistochemistry)
Anti-TAS1R3 antibody IHC of human tongue, taste receptor cells. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemisry)
Anti-T1R3 / TAS1R3 antibody IHC of human Lung, Non-Small Cell Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohiostchemistry)
Anti-T1R3 / TAS1R3 antibody IHC of human Ovary, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-T1R3 / TAS1R3 antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-T1R3 antibody	TAS1R3 is a Taste Receptor. TAS1R3 combines with TAS1R1 to function as an L-amino-acid receptor, and is only activated by these sweet amino acids.
Product Categories/Family for anti-T1R3 antibody	Family: GPCR; Subfamily: Taste

NCBI AND UNIPROT INFORMATION

NCBI GI #	91206396
NCBI GeneID	83756
NCBI Accession #	NP_689414.1

NCBI GenBank Nucleotide #	NM_152228.1
UniProt Accession #	Q7RTX0; Q5TA49; Q8NGW9
Molecular Weight	93,386 Da
NCBI Official Full Name	taste receptor type 1 member 3
NCBI Official Synonym Full Names	taste receptor, type 1, member 3
NCBI Official Symbol	TAS1R3
NCBI Official Synonym Symbols	T1R3
NCBI Protein Information	taste receptor type 1 member 3; sweet taste receptor T1R3
UniProt Protein Name	Taste receptor type 1 member 3
UniProt Gene Name	**TAS1R3**
UniProt Synonym Gene Names	T1R3; TR3
UniProt Entry Name	TS1R3_HUMAN

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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/t1r3-tas1r3-antibody-immunohistochemistry-elisa/51582