

T1R1 / TAS1R1 Antibody (Cytoplasmic Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10487**Specification**

T1R1 / TAS1R1 Antibody (Cytoplasmic Domain) - Product Information

Application	IHC-P
Primary Accession	Q7RTX1
Reactivity	Human, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	93kDa KDa
Dilution	IHC-P~~N/A

T1R1 / TAS1R1 Antibody (Cytoplasmic Domain) - Additional Information**Gene ID** 80835**Other Names**

Taste receptor type 1 member 1, G-protein coupled receptor 70, TAS1R1, GPR70, T1R1, TR1

Target/Specificity

Human TAS1R1. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except TAS1R2 (69%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

T1R1 / TAS1R1 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

T1R1 / TAS1R1 Antibody (Cytoplasmic Domain) - Protein Information**Name** TAS1R1**Synonyms** GPR70, T1R1, TR1**Function**

Putative taste receptor. TAS1R1/TAS1R3 responds to the umami taste stimulus (the taste of monosodium glutamate). Sequence differences within and between species can significantly influence the selectivity and specificity of taste responses.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Volume

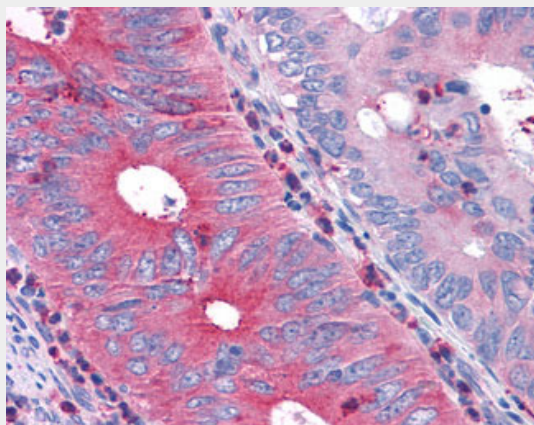
50 µl

T1R1 / TAS1R1 Antibody (Cytoplasmic Domain) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

T1R1 / TAS1R1 Antibody (Cytoplasmic Domain) - Images



Anti-T1R1 / TAS1R1 antibody IHC of human Colon, Carcinoma.

T1R1 / TAS1R1 Antibody (Cytoplasmic Domain) - Background

Putative taste receptor. TAS1R1/TAS1R3 responds to the umami taste stimulus (the taste of monosodium glutamate). Sequence differences within and between species can significantly influence the selectivity and specificity of taste responses.

T1R1 / TAS1R1 Antibody (Cytoplasmic Domain) - References

Suwa M.,et al.Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.
Gregory S.G.,et al.Nature 441:315-321(2006).
Makalowska I.,et al.Gene 284:203-213(2002).
Li X.,et al.Proc. Natl. Acad. Sci. U.S.A. 99:4692-4696(2002).