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T1R3 / TAS1R3 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10804

Specification

T1R3 / TAS1R3 Antibody (N-Terminus) - Product Information

Application	**IHC**
Primary Accession	Q7RTX0
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**93kDa KDa**

T1R3 / TAS1R3 Antibody (N-Terminus) - Additional Information

Gene ID 83756

Other Names
Taste receptor type 1 member 3, Sweet taste receptor T1R3, TAS1R3, T1R3, TR3

Target/Specificity
Human TAS1R3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
T1R3 / TAS1R3 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

T1R3 / TAS1R3 Antibody (N-Terminus) - Protein Information

Name TAS1R3

Synonyms T1R3, TR3

Function
Putative taste receptor. TAS1R1/TAS1R3 responds to the umami taste stimulus (the taste of monosodium glutamate). TAS1R2/TAS1R3 recognizes diverse natural and synthetic sweeteners. TAS1R3 is essential for the recognition and response to the disaccharide trehalose (By similarity). 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

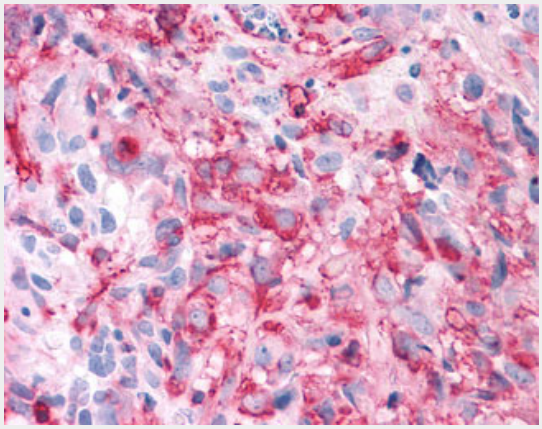
50 µl

T1R3 / TAS1R3 Antibody (N-Terminus) - Protocols

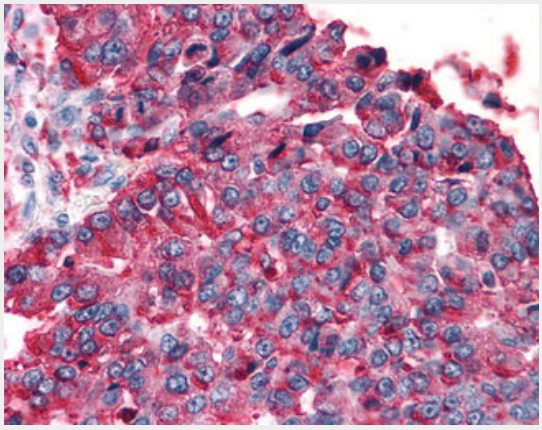
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

T1R3 / TAS1R3 Antibody (N-Terminus) - Images

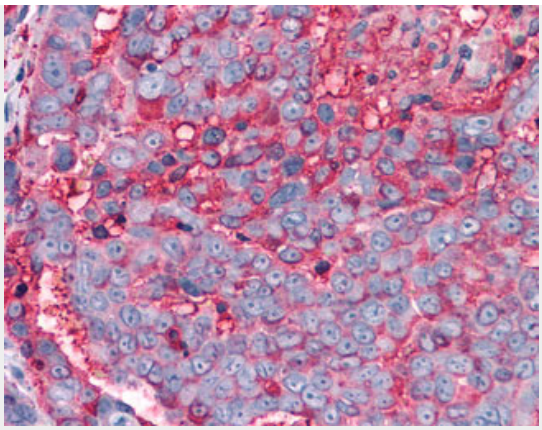


Anti-T1R3 / TAS1R3 antibody IHC of human Brain, Glioblastoma.



Anti-T1R3 / TAS1R3 antibody IHC of human Lung, Non-Small Cell Carcinoma.

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Anti-T1R3 / TAS1R3 antibody IHC of human Ovary, Carcinoma.

T1R3 / TAS1R3 Antibody (N-Terminus) - Background

Putative taste receptor. TAS1R1/TAS1R3 responds to the umami taste stimulus (the taste of monosodium glutamate). TAS1R2/TAS1R3 recognizes diverse natural and synthetic sweeteners. TAS1R3 is essential for the recognition and response to the disaccharide trehalose (By similarity). Sequence differences within and between species can significantly influence the selectivity and specificity of taste responses.

T1R3 / TAS1R3 Antibody (N-Terminus) - References

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