

Goat Anti-TAS1R2 / GPR71 Antibody
Peptide-affinity purified goat antibody
Catalog # AF2068a**Specification**

Goat Anti-TAS1R2 / GPR71 Antibody - Product Information

Application	WB
Primary Accession	Q8TE23
Other Accession	NP_689418 , 80834
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	95183

Goat Anti-TAS1R2 / GPR71 Antibody - Additional Information**Gene ID** 80834**Other Names**

Taste receptor type 1 member 2, G-protein coupled receptor 71, Sweet taste receptor T1R2, TAS1R2, GPR71, T1R2, TR2

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-TAS1R2 / GPR71 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-TAS1R2 / GPR71 Antibody - Protein Information**Name** TAS1R2**Synonyms** GPR71, T1R2, TR2**Function**

Putative taste receptor. TAS1R2/TAS1R3 recognizes diverse natural and synthetic sweeteners.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Goat Anti-TAS1R2 / GPR71 Antibody - 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](#)

Goat Anti-TAS1R2 / GPR71 Antibody - Images



AF2068a (0.3 µg/ml) staining of Human Pancreas lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-TAS1R2 / GPR71 Antibody - References

Association study of 182 candidate genes in anorexia nervosa. Pinheiro AP, et al. Am J Med Genet B Neuropsychiatr Genet, 2010 Jul. PMID 20468064.

Key amino acid residues involved in multi-point binding interactions between brazzein, a sweet protein, and the T1R2-T1R3 human sweet receptor. Assadi-Porter FM, et al. J Mol Biol, 2010 May 14. PMID 20302879.

Positive allosteric modulators of the human sweet taste receptor enhance sweet taste. Servant G, et al. Proc Natl Acad Sci U S A, 2010 Mar 9. PMID 20173092.

Genome-wide association study confirms SNPs in SNCA and the MAPT region as common risk factors for Parkinson disease. Edwards TL, et al. Ann Hum Genet, 2010 Mar. PMID 20070850.

Interactions between the human sweet-sensing T1R2-T1R3 receptor and sweeteners detected by saturation transfer difference NMR spectroscopy. Assadi-Porter FM, et al. Biochim Biophys Acta, 2010 Feb. PMID 19664591.