

ARG43379 anti-TAS1R3 / T1R3 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TAS1R3 / T1R3
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TAS1R3 / T1R3
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 400-570 of Human TAS1R3 / T1R3 (NP_689414.1).
Conjugation	Un-conjugated
Alternate Names	T1R3; Sweet taste receptor T1R3; Taste receptor type 1 member 3; TR3

Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>WB</td><td>1:1000 - 1:4000</td></tr> </table>	Application	Dilution	WB	1:1000 - 1:4000
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WB	1:1000 - 1:4000				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	Mouse stomach				
Observed Size	~ 93 kDa				

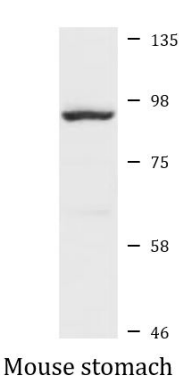
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TAS1R3
Gene Full Name	taste receptor, type 1, member 3
Background	The protein encoded by this gene is a G-protein coupled receptor involved in taste responses. The encoded protein can form a heterodimeric receptor with TAS1R1 to elicit the umami taste response, or it can bind with TAS1R2 to form a receptor for the sweet taste response. [provided by RefSeq, Nov 2015]
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. [UniProt]
Calculated Mw	93 kDa
Cellular Localization	Cell membrane; Multi-pass membrane protein. [UniProt]

Images



ARG43379 anti-TAS1R3 / T1R3 antibody WB image

Western blot: 25 µg of Mouse stomach lysate stained with ARG43379 anti-TAS1R3 / T1R3 antibody at 1:1000 dilution.