

T1R3 rabbit pAb

Cat#: orb770584 (Manual)

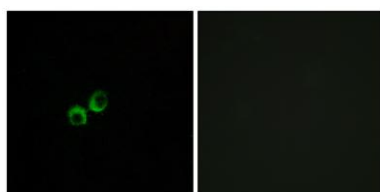
For research use only. Not intended for diagnostic use.

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| Product Name | T1R3 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;IF;ELISA |
| Species Cross-Reactivity | Human;Rat;Mouse; |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human TAS1R3. AA range:326-375 |
| Specificity | T1R3 Polyclonal Antibody detects endogenous levels of T1R3 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Taste receptor type 1 member 3 |
| Gene Name | TAS1R3 |
| Cellular localization | Cell membrane; Multi-pass membrane protein. |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |

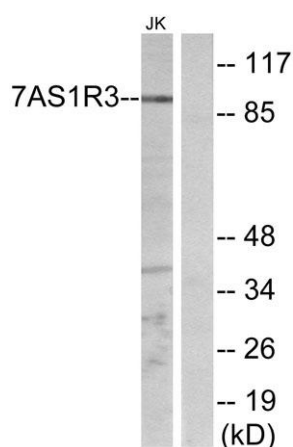
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| Concentration | 1 mg/ml |
| Observed band | 93kD |
| Human Gene ID | 83756 |
| Human Swiss-Prot Number | Q7RTX0 |
| Alternative Names | TAS1R3; T1R3; TR3; Taste receptor type 1 member 3; Sweet taste receptor T1R3 |

Background

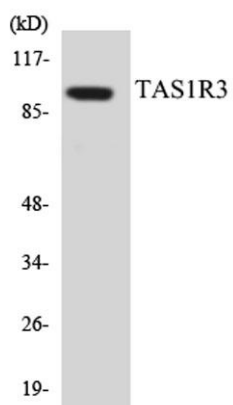
The protein encoded by this gene is a G-protein coupled receptor involved in taste responses. The encoded protein can form a heterodimeric receptor with TAS1R1 to elicit the umami taste response, or it can bind with TAS1R2 to form a receptor for the sweet taste response. [provided by RefSeq, Nov 2015],



Immunofluorescence analysis of MCF7 cells, using TAS1R3 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, using TAS1R3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using TAS1R3 antibody.