

## T2R38 rabbit pAb antibody

| Catalog No :                 | Source:   | Concentration : | Mol.Wt. (Da): |
|------------------------------|---|-----------------|---------------|
| A22204                       | Rabbit  | 1 mg/ml         |               |
| <b>Applications</b>          | WB,ELISA  |                 |               |
| <b>Reactivity</b>            | Human,Rat,Mouse   |                 |               |
| <b>Dilution</b>              | WB 1:500-2000 ELISA 1:5000-20000  |                 |               |
| <b>Storage</b>               | -20°C/1 year  |                 |               |
| <b>Specificity</b>           | T2R38 Polyclonal Antibody detects endogenous levels of protein.   |                 |               |
| <b>Source / Purification</b> | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |                 |               |
| <b>Immunogen</b>             | Synthesized peptide derived from human protein . at AA range: 180-260   |                 |               |
| <b>Uniprot No</b>            | P59533  |                 |               |
| <b>Alternative names</b>     |   |                 |               |
| <b>Form</b>                  | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  |                 |               |
| <b>Clonality</b>             | Polyclonal  |                 |               |
| <b>Isotype</b>               | IgG   |                 |               |
| <b>Conjugation</b>           |   |                 |               |
| <b>Background</b>            | <p>taste 2 receptor member 38(TAS2R38) Homo sapiens This gene encodes a seven-transmembrane G protein-coupled receptor that controls the ability to taste glucosinolates, a family of bitter-tasting compounds found in plants of the Brassica sp. Synthetic compounds phenylthiocarbamide (PTC) and 6-n-propylthiouracil (PROP) have been identified as ligands for this receptor and have been used to test the genetic diversity of this gene. Although several allelic forms of this gene have been identified worldwide, there are two predominant common forms (taster and non-taster) found outside of Africa. These alleles differ at three nucleotide positions resulting in amino acid changes in the protein (A49P, A262V, and V296I) with the amino acid combination PAV identifying the taster variant (and AVI identifying the non-taster variant). [provided by RefSeq, Oct 2009],</p> |                 |               |
| <b>Other</b>                 | TAS2R38 PTC, Taste receptor type 2 member 38 (T2R38) (PTC bitter taste receptor) (Taste receptor type 2 member 61) (T2R61)  |                 |               |

### Product Images:

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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