



T2R1 rabbit pAb

Cat No.:ES6483

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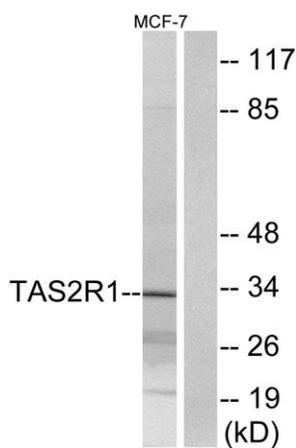
Overview

| | |
|---------------------------------|---|
| Product Name | T2R1 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;ELISA;IHC |
| Species Cross-Reactivity | Human;Rat;Mouse; |
| Recommended dilutions | WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human TAS2R1. AA range:6-55 |
| Specificity | T2R1 Polyclonal Antibody detects endogenous levels of T2R1 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 2 member 1 |
| Gene Name | TAS2R1 |
| Cellular localization | Membrane; Multi-pass membrane protein. |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 33kD |
| Human Gene ID | 50834 |
| Human Swiss-Prot Number | Q9NYW7 |
| Alternative Names | TAS2R1; Taste receptor type 2 member 1; T2R1; Taste receptor family B member 7; TRB7 |
| Background | This gene encodes a member of a family of candidate taste receptors that are members of the G protein-coupled receptor superfamily and that are specifically expressed by taste receptor cells of the tongue and palate epithelia. This intronless taste receptor gene encodes a 7-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is mapped to chromosome 5p15, the location |

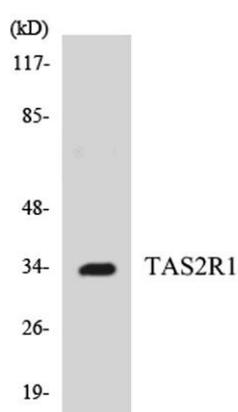




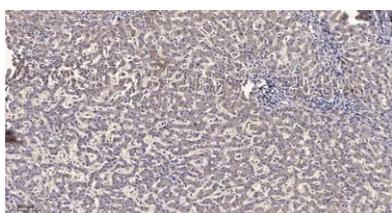
of a genetic locus (PROP) that controls the detection of the bitter compound 6-n-propyl-2-thiouracil. [provided by RefSeq, Jul 2008],



Western blot analysis of lysates from MCF-7 cells, using TAS2R1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using TAS2R1 antibody.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

