

T2R16 rabbit pAb**Cat#: orb769357 (Manual)**

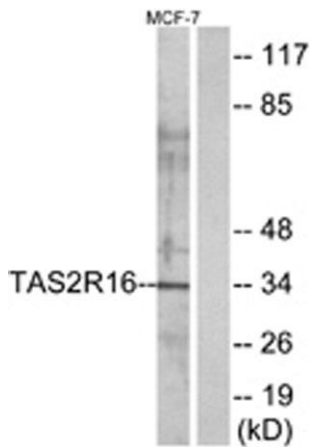
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Product Name	T2R16 rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human TAS2R16. AA range:136-185
Specificity	T2R16 Polyclonal Antibody detects endogenous levels of T2R16 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 16
Gene Name	TAS2R16
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

Concentration	1 mg/ml
Observed band	34kD
Human Gene ID	50833
Human Swiss-Prot Number	Q9NYV7
Alternative Names	TAS2R16; Taste receptor type 2 member 16; T2R16

Background

This gene encodes a member of a family of candidate taste receptors that are members of the G protein-coupled receptor superfamily. These family members are specifically expressed by taste receptor cells of the tongue and palate epithelia. Each of these apparently intronless genes encodes a 7-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is clustered with another 3 candidate taste receptor genes in chromosome 7 and is genetically linked to loci that influence bitter perception. [provided by RefSeq, Jul 2008].



Western blot analysis of lysates from MCF-7 cells, using TAS2R16 Antibody. The lane on the right is blocked with the synthesized peptide.