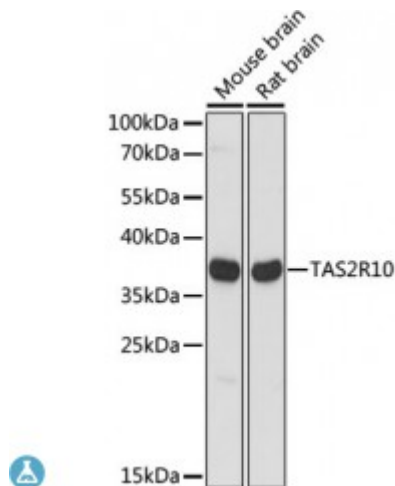


Anti-TAS2R10 Antibody



Description

This gene product belongs to the family of candidate taste receptors that are members of the G-protein-coupled receptor superfamily. These proteins are specifically expressed in the taste receptor cells of the tongue and palate epithelia. They are organized in the genome in clusters and are genetically linked to loci that influence bitter perception in mice and humans. In functional expression studies, they respond to bitter tastants. This gene maps to the taste receptor gene cluster on chromosome 12p13.

Model	STJ117350
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human TAS2R10 (NP_076410.1).
Gene ID	50839
Gene Symbol	TAS2R10
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed in subsets of taste receptor cells of the tongue and palate epithelium and exclusively in gustducin-positive cells
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Taste receptor type 2 member 10 T2R10 Taste receptor family B member 2 TRB2

Molecular Weight	35.365 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:14918OMIM:604791Reactome:R-HSA-418594
Alternative Names	Taste receptor type 2 member 10 T2R10 Taste receptor family B member 2 TRB2
Function	Gustducin-coupled strychnine receptor implicated in the perception of bitter compounds in the oral cavity and the gastrointestinal tract, Signals through PLCB2 and the calcium-regulated cation channel TRPM5,
Cellular Localization	Membrane

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