

T2R60 Rabbit pAb

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Catalog # AP54713

Product Information

Application	WB
Reactivity	Mouse
Predicted	Bee, Human
Host	Rabbit
Clonality	Polyclonal
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human T2R60
Epitope Specificity	41-140/318
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell Membrane; Multi-pass membrane protein.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	T2R60 is a 318 amino acid multi-pass membrane protein that belongs to the G-protein coupled receptor T2R family. T2R60 acts as a receptor that may play a role in the perception of bitterness, and is also thought to be involved in sensing the chemical composition of gastrointestinal content. As a gustducin-linked receptor, the activity of T2R60 may stimulate G alpha (alpha gustducin), mediate PLC beta 2 activation and lead to the gating of TRPM5. While expressed in subsets of taste receptor cells of the tongue and palate epithelium, T2R60 is found exclusively in gustducin-positive cells. The gene that encodes T2R60 contains 957 bases and maps to human chromosome 7q35. Chromosome 7 houses over 1,000 genes, comprises nearly 5% of the human genome and has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome.

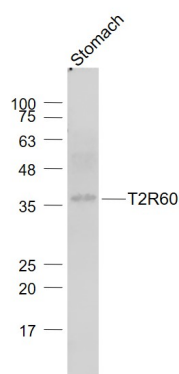
Additional Information

Other Names	Taste receptor type 2 member 60, T2R60, Taste receptor type 2 member 56, T2R56, TAS2R60
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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Images



Sample:
Stomach (Mouse) Lysate at 40 ug
Primary: Anti- T2R60 (AP54713) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 36 kD
Observed band size: 36 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.