bs-12042R **[Primary Antibody]**

T2R60 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 338398

Target: T2R60

Immunogen: KLH conjugated synthetic peptide derived from human T2R60: 41-140/318. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 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.

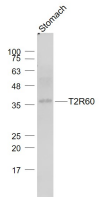
Applications: **WB** (1:500-2000)

Reactivity: Mouse (predicted: Human, Bee)

Predicted MW.: 36 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Stomach (Mouse) Lysate at 40 ug
Primary: Anti- T2R60 (bs-12042R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kD Observed band size: 36 kD