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Rabbit Anti-T2R60 antibody

SL12042R

Product Name	T2R60
Chinese Name	味觉受体蛋白家族 2 亚基 60 抗体
Alias	T2R56; TAS2R60; Taste receptor type 2 member 60; T2R60_HUMAN.
Research Area	Cell biology Neurobiology Signal transduction The cell membrane 受体 G protein-coupled receptor G protein signal
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse(predicted:Human,Bee)
Applications	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	36kDa
Cellular localization	The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human T2R60: 41-140/318 <Extracellular>
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	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.

Function:
T2R60 may play a role in the perception of bitterness and is gustducin-linked. It is expressed in subsets of taste receptor cells of the tongue and exclusively in gustducin-positive cells.

Subcellular Location:
Cell Membrane; Multi-pass membrane protein.

Tissue Specificity:
Expressed in subsets of taste receptor cells of the tongue and exclusively in gustducin-positive cells.

Similarity:
Belongs to the G-protein coupled receptor T2R family.

SWISS:
P59551

Gene ID:
338398

Database links:

Entrez Gene: 338398 Human

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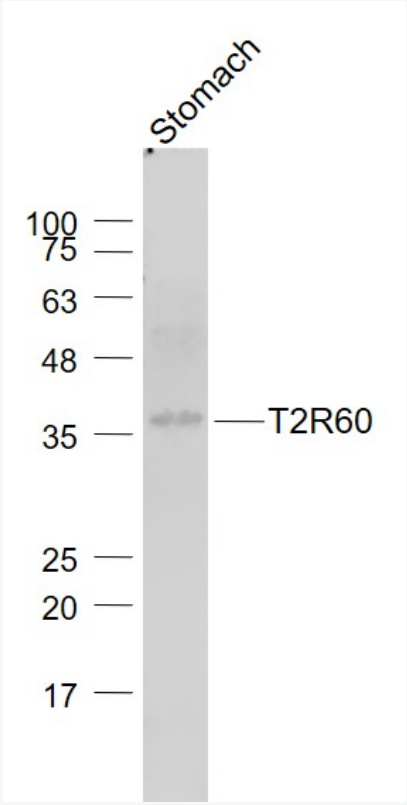
Product Picture



Sample:

Stomach (Mouse) Lysate at 40 ug

Primary: Anti- T2R60 (SL12042R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 36 kD

Observed band size: 36 kD