



## Rabbit Anti-T2R60 antibody

SL12042R

<b>Product Name:</b>	T2R60
<b>Chinese Name:</b>	味觉受体蛋白家族2亚基60抗体
<b>Alias:</b>	T2R56; TAS2R60; Taste receptor type 2 member 60; T2R60_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Bee,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	36kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human T2R60:41-140/318<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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

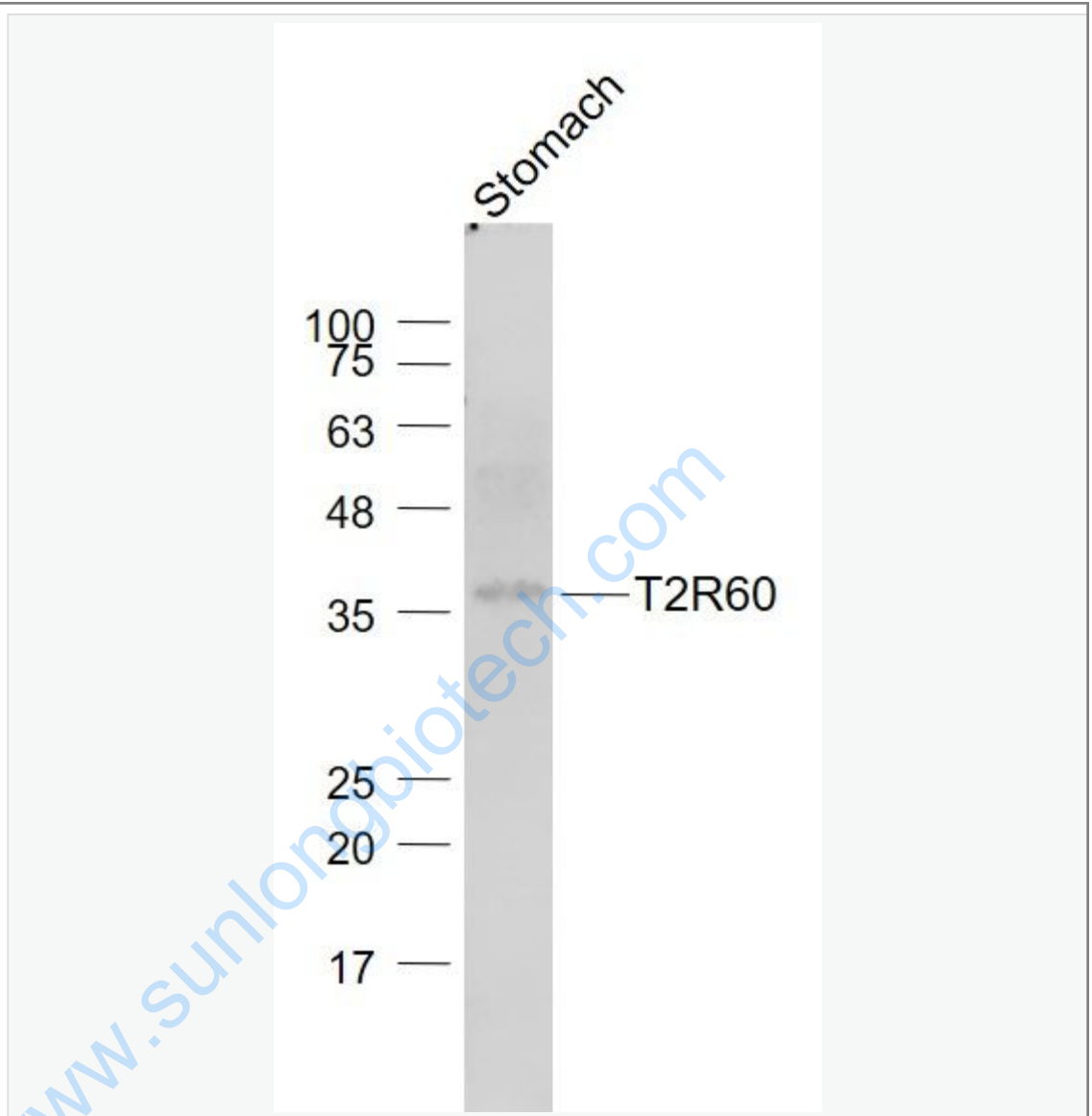
**Database links:**

[Entrez Gene: 338398](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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