SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-TAS1R3 antibody

Catalog Number: SL23618R

FOR RESEARCH USE ONLY

[DATASHEET]

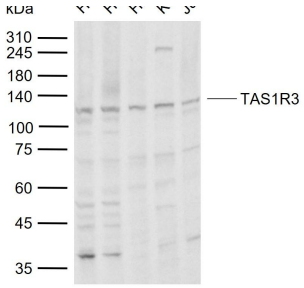
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	TAS1R3
Immunogen:	KLH conjugated synthetic peptide derived from human TAS1R3: 431-530/852 <Extracellular>
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
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.
Reactivity:	Human(predicted:Mouse)
Predicted MW.:	92kDa
Subcellular Location:	The cell membrane
Background:	The protein encoded by this gene is a G-protein coupled receptor involved in taste responses. The encoded protein can form a heterodimeric receptor with TAS1R1 to elicit the umami taste response, or it can bind with TAS1R2 to form a receptor for the sweet taste response. [provided by RefSeq, Nov 2015] **Function:** Putative taste receptor. TAS1R1/TAS1R3 responds to the umami taste stimulus (the taste of monosodium glutamate). TAS1R2/TAS1R3 recognizes diverse natural and synthetic sweeteners. TAS1R3 is essential for the recognition and response to the disaccharide trehalose (By similarity). Sequence differences within and between species can significantly influence the selectivity and specificity of taste responses. **Subunit:** Forms homodimers or heterodimers with TAS1R1 and TAS1R2. **Subcellular Location:** Cell membrane; Multi-pass membrane protein. **Tissue Specificity:** Expressed in vascular endothelium. **Post-translational modifications:** Phosphorylated by FER and other protein-

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

SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

	tyrosine kinases. Phosphorylated at Ser-288 by PAK7/PAK5. Dephosphorylated by PTPRJ. **Similarity:** Belongs to the G-protein coupled receptor 3 family. TAS1R subfamily. **Database links:** **Entrez Gene:** 83756 Human Omim: 605865 Human **SwissProt:** Q7RTX0 Human **Unigene:** 74375 Human

[VALIDATION IMAGES]



Sample:
Lane 1: Human HepG2 cell lysates
Lane 2: Human HeLa cell lysates
Lane 3: Human HL-60 cell lysates
Lane 4: Human K562 cell lysates
Lane 5: Human Jurkat cell lysates
Primary: Anti-TAS1R3 (SL23618R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 92 kDa
Observed band size: 120 kDa

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