bs-23618R **[Primary Antibody]**

TAS1R3 Rabbit pAb

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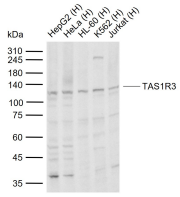
DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Polyclonal
GeneID: 83756
SWISS: Q7RTX0
Target: TAS1R3
Immunogen: KLH conjugated synthetic peptide derived from human TAS1R3: 431-530/852.
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: 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]

Applications: **WB** (1:500-2000)
Reactivity: Human (predicted: Mouse)
Predicted MW.: 92 kDa
Subcellular Location: Cell membrane

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 (bs-23618R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 92 kDa Observed band size: 120 kDa

SELECTED CITATIONS

- **[IF=6.7]** Yu Shanjun. et al. Extendin-4 blockade of T1R2/T1R3 activation improves Pseudomonas aeruginosa-related pneumonia in an animal model of chemically induced diabetes. INFLAMM RES. 2024 May;:1-17 IF ;Rat,Human. 38748233
- **[IF=4.8]** Shanjun Yu. et al.Exendin-4 blockade of T1R2/T1R3 activation improves Pseudomonas aeruginosa-related pneumonia in an animal model of chemically induced diabetes.Inflammation Research.2024 Jul;73(7):1185-1201. IF ;Human, Rat. 38748233