

**TAS2R39 polyclonal antibody**

Catalog: BS35412

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Taste receptor type 2 member 39: Receptor that may play a role in the perception of bitterness and is gustducin-linked. May play a role in sensing the chemical composition of the gastrointestinal content. The activity of this receptor may stimulate alpha gustducin, mediate PLC-beta-2 activation and lead to the gating of TRPM5 (By similarity)

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~38.6 kDa

Swiss-Prot:

P59534

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IF/ICC (1/50 - 1/200)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of TAS2R39 protein

DATA:

Western blot analysis of LAT (Phospho-Y161) expression in rat heart (A), rat lung (B), mouse heart (C), mouse lung (D), HEK293T (E), Jurkat (F) whole cell lysates.

Immunohistochemical analysis of LAT (Phospho-Y161) staining in human colorectal cancer formalin fixed paraffin embedded tissue section.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

For research use only, not for use in diagnostic procedure.

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