



PRODUCT DATA SHEET

Bioworld Technology, Inc.

TAS2R46 polyclonal antibody

Catalog: BS33311

Host: Rabbit

Reactivity: Human

BackGround:

Taste receptor type 2 member 46: 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). In airway epithelial cells, binding of bitter compounds increases the intracellular calcium ion concentration and stimulates ciliary beat frequency (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:

~35.5 kDa

Swiss-Prot:

P59540

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

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 TAS2R46 protein

DATA:

Western blot analysis of Carbonic Anhydrase 12 expression in HEK293T (A), PC3 (B), MCF7 (C), NIH3T3 (D) whole cell lysates.

Note:

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

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