

**TAAR9 polyclonal antibody**

Catalog: BS33303

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Trace amine-associated receptor 9: Olfactory receptor specific for trace amines, such as N,N-dimethylcyclohexylamine (DMCHA) and beta-phenylethylamine (beta-PEA) (By similarity). In contrast to mouse and rat orthologs, not activated by triethylamine, cadaverine (CAD) or spermidine. Trace amine compounds are enriched in animal body fluids and act on trace amine-associated receptors (TAARs) to elicit both intraspecific and interspecific innate behaviors (By similarity). Trace amine-binding causes a conformation change that triggers signaling via G(s)-class of G alpha proteins (GNAL or GNAS) (By similarity). In mature olfactory sensory neurons, TAAR9 is coupled with GNAL/G(olf)G alpha protein and mediates activation of adenylate cyclase activity to activate cAMP signaling and eventually transmit odorant signals to achieve membrane depolarization (By similarity). In immature olfactory sensory neurons, TAAR9 is coupled with...

Product:

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

Molecular Weight:

~39.0 kDa

Swiss-Prot:

Q96RI9

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 TAAR9 protein

DATA:

Immunohistochemical analysis of Cytokeratin 16 staining in human cutaneous squamous cell carcinoma 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.

Immunohistochemical analysis of Cytokeratin 16 staining in human esophageal squamous carcinoma 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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