

Datasheet for ABIN213486  
**anti-TAAR5 antibody (N-Term)**

## 2 Images

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## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 50 µg   |
| Target:              | TAAR5   |
| Binding Specificity: | N-Term  |
| Reactivity:          | Human, Rabbit   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This TAAR5 antibody is un-conjugated  |
| Application:         | ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections)<br>(IHC (p)) |

## Product Details

|                       |   |
|-----------------------|---|
| Brand:                | IHC-plus™   |
| Immunogen:            | Synthetic 15 amino acid peptide from N-terminal extracellular domain of human TAAR5.<br>Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Baboon, Marmoset, Tamarin, Rabbit (100%), Orangutan, Monkey, Rat, Horse (93%), Mouse, Bat, Hamster, Panda, Pig (87%), Bovine, Dog, Elephant (80%).<br><br>Type of Immunogen: Synthetic peptide |
| Specificity:          | Human TAAR5. BLAST analysis of the peptide immunogen showed no homology with other human proteins.  |
| Predicted Reactivity: | Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon,  |

## Product Details

Baboon, Marmoset, Tamarin, Rabbit (100%) Orangutan, Monkey, Rat, Horse (93%) Mouse, Bat, Hamster, Panda, Pig (87%) Bovine, Dog, Elephant (80%).

Purification: Immunoaffinity purified

## Target Details

Target: TAAR5

Alternative Name: TAAR5 ([TAAR5 Products](#))

Background: Name/Gene ID: TAAR5  
Subfamily: Trace Amine Associated Receptor  
Family: GPCR

Synonyms: TAAR5, PNR, RP11-295F4.5, Trace amine receptor 5, TaR-5

Gene ID: 9038

## Application Details

Application Notes: Approved: ELISA, IHC, IHC-P (20 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 20 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

Format: Liquid

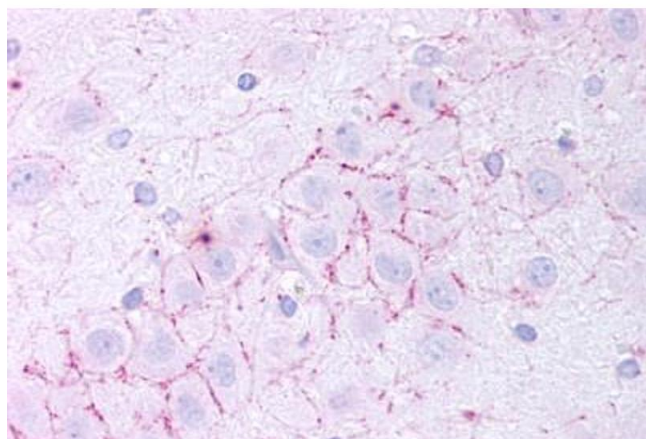
Concentration: Lot specific

Buffer: PBS, less than 0.1 % sodium azide.

## Handling

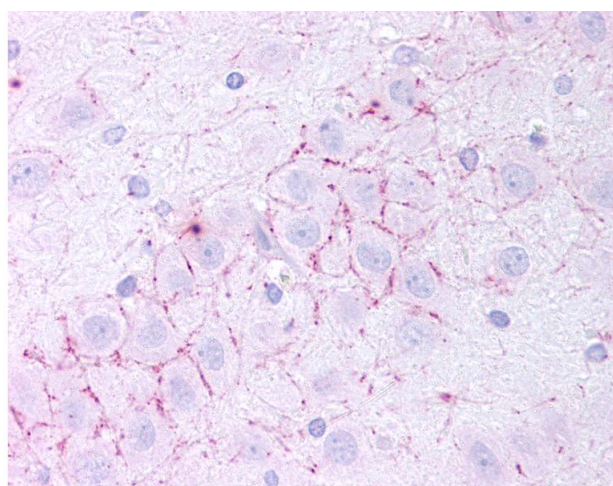
|                    |   |
|--------------------|---|
| Preservative:      | Sodium azide  |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                      |
| Storage:           | 4 °C,-20 °C   |
| Storage Comment:   | Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles. |
| Expiry Date:       | 12 months   |

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Human Dentate Gyrus (formalin-fixed, paraffin-embedded) stained with TAAR5 antibody ABIN213486 at 20 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



### Immunohistochemistry

**Image 2.** Anti-TAAR5 antibody IHC of human dentate gyrus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.