

Datasheet for ABIN213367
anti-TAAR1 antibody (Cytoplasmic Domain)

2 Images

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Overview

Quantity:	50 µg
Target:	TAAR1
Binding Specificity:	Cytoplasmic Domain
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAAR1 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (IHC), ELISA

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 19 amino acid peptide from 3rd cytoplasmic domain of human TAAR1. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Monkey (100%), Orangutan (95%), Gibbon, Marmoset, Elephant (89%), Tamarin, Rabbit, Pig (84%). Type of Immunogen: Synthetic peptide
Specificity:	Human TAAR1. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except CDC14A (37 %).
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Chimpanzee, Monkey (100%) Orangutan (95%) Gibbon, Marmoset, Elephant (89%) Tamarin, Rabbit, Pig (84%).

Product Details

Purification: Immunoaffinity purified

Target Details

Target: TAAR1

Alternative Name: TAAR1 / TA1 ([TAAR1 Products](#))

Background: Name/Gene ID: TAAR1
Subfamily: Trace amine
Family: GPCR

Synonyms: TAAR1, RP11-295F4.9, RTAR1, Snorf33, TRAR1, TaR-1, TAR1, TA1, Trace amine receptor 1

Gene ID: 134864

Application Details

Application Notes: Approved: ELISA, IHC, IHC-P (28 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 28 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

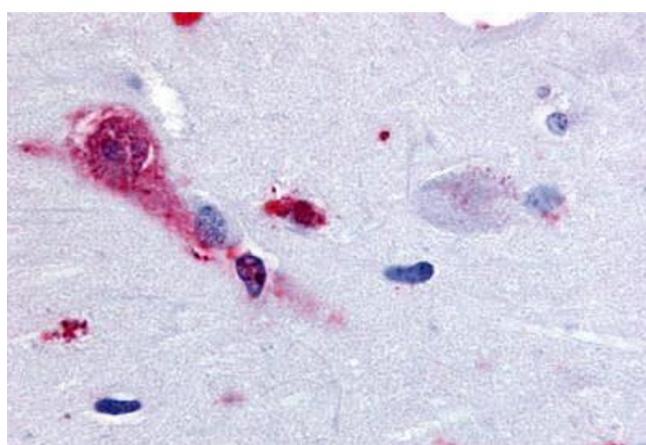
Buffer: PBS, less than 0.1 % sodium azide.

Preservative: Sodium azide

Handling

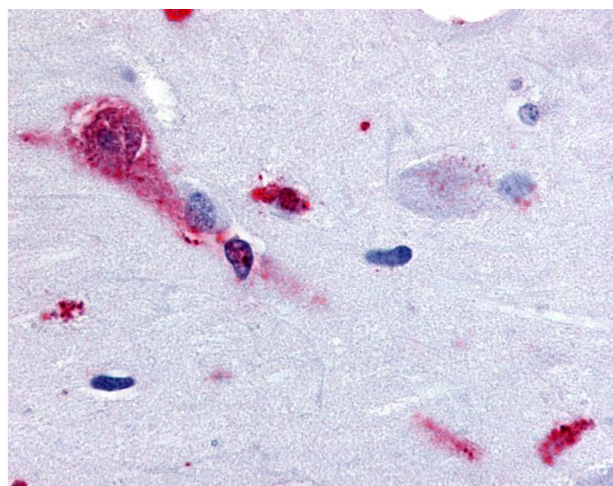
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw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

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Amygdala (formalin-fixed, paraffin-embedded) stained with TAAR1 antibody ABIN213367 at 28 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-TAAR1 antibody IHC of human brain, amygdala. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.