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Datasheet for ABIN7172324
anti-TAAR5 antibody (AA 1-34)

3 Images

Overview

Quantity:	100 µg
Target:	TAAR5
Binding Specificity:	AA 1-34
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAAR5 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Trace amine-associated receptor 5 protein (1-34AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	TAAR5
Alternative Name:	TAAR5 (TAAR5 Products)
Background:	Background: Olfactory receptor specific for trimethylamine, a trace amine. Also activated at lower level by dimethylethylamine. Trimethylamine is a bacterial metabolite found in some

Target Details

animal odors, and to humans it is a repulsive odor associated with bad breath and spoiled food.

This receptor is probably mediated by the G(s)-class of G-proteins which activate adenylate cyclase.

Aliases: dGATA A antibody, GATA binding factor A antibody, Photoreceptor specific nuclear receptor fragment antibody, PNR antibody, Putative neurotransmitter receptor antibody, Taar5 antibody, TAAR5_HUMAN antibody, TaR-5 antibody, Trace amine associated receptor 5 antibody, Trace amine receptor 5 antibody, Trace amine-associated receptor 5 antibody, Transcription factor GATA A antibody

UniProt: [O14804](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000, IF:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

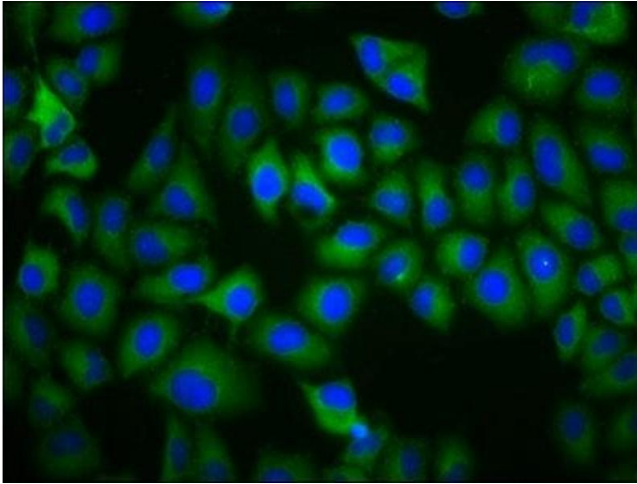
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

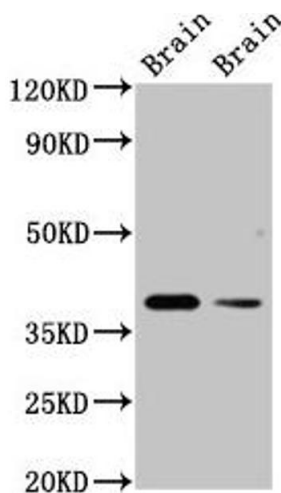
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



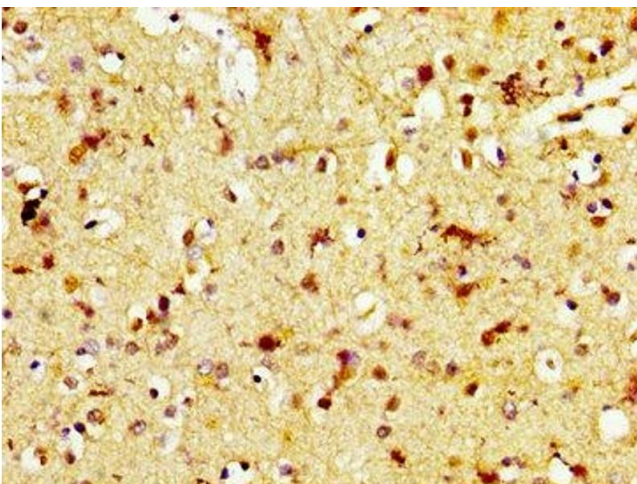
Immunofluorescence

Image 1. Immunofluorescence staining of HeLa cells with ABIN7172324 at 1:200, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: Rat brain tissue, Mouse brain tissue All lanes: TAAR5 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 39 kDa Observed band size: 39 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7172324 diluted at 1:600 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.