

Datasheet for ABIN1412603

**anti-Trace Amine Associated Receptor 8 (TAAR8) (AA 51-150)  
antibody (Cy5.5)**



[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | Trace Amine Associated Receptor 8 (TAAR8)                                                                                      |
| Binding Specificity: | AA 51-150                                                                                                                      |
| Reactivity:          | Human                                                                                                                          |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | Cy5.5                                                                                                                          |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                                                    |
|-----------------------|------------------------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human G protein coupled receptor 102 |
| Isotype:              | IgG                                                                                |
| Predicted Reactivity: | Human, Mouse, Rat, Cow, Sheep, Pig, Rabbit                                         |
| Purification:         | Purified by Protein A.                                                             |

## Target Details

|                   |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| Target:           | Trace Amine Associated Receptor 8 (TAAR8)                                              |
| Alternative Name: | GPR102/TAAR8 ( <a href="#">TAAR8 Products</a> )                                        |
| Background:       | Synonyms: G protein coupled receptor 102, G-protein coupled receptor 102, GPR102, TA5, |

## Target Details

TAAR8, TAAR8\_HUMAN, TaR-5, TaR-8, TAR5, Trace amine associated receptor 8, Trace amine receptor 5, Trace amine receptor 8, Trace amine-associated receptor 8, TRAR5, GPCR GPR102.

Background: Trace amines are endogenous molecules structurally related to classical biogenic amines that are linked to psychiatric conditions. A family of G-protein coupled receptors referred to as trace-amine-associated receptors (TAAR) are activated by trace amines and are present in very low levels in mammalian tissue. TaRs contain several structural features that are similar to the rhodopsin -adrenergic receptor superfamily, including the positions of the seven transmembrane regions that provide common ligand-binding pockets as well as the short N- and C-terminal domains. TAAR proteins are potential targets for drugs of abuse, such as amphetamine and MDMA, as well as neuropsychiatric disorders including schizophrenia, depression, and attention deficit disorder.

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months