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Datasheet for ABIN1394709

anti-Trace Amine Associated Receptor 8 (TAAR8) (AA 51-150) antibody (Alexa Fluor 350)

Overview

Quantity:	100 µL
Target:	Trace Amine Associated Receptor 8 (TAAR8)
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Alexa Fluor 350
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 (TAAR8 Products)
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