

Datasheet for ABIN1412606

**anti-Trace Amine Associated Receptor 8 (TAAR8) (AA 51-150)
antibody (HRP)**



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Overview

Quantity:	100 µL
Target:	Trace Amine Associated Receptor 8 (TAAR8)
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro))

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:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months