

## Product datasheet for **TA342678**

### PNR (TAAR5) Rabbit Polyclonal Antibody

#### Product data:

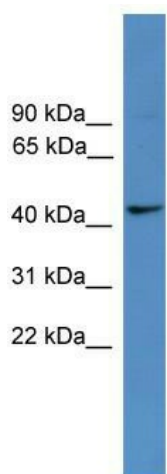
Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB, IF
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TAAR5 antibody: synthetic peptide directed towards the middle region of human TAAR5. Synthetic peptide located within the following region: GWLNFPLFFVPCLIMISLYVKIFVATRQAQQITTLSKSLAGAAKHERKA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	38 kDa
Gene Name:	trace amine associated receptor 5
Database Link:	<a href="#">NP_003958</a> <a href="#">Entrez Gene 215854 Mouse</a> <a href="#">Entrez Gene 9038 Human</a> <a href="#">O14804</a>
Background:	TAAR5 is an orphan receptor. Ligands are likely small molecules, either sharing some similarities with trace amine as, e.g. derivatives of indolamines (such as 5-methoxytryptamine) or of phenylethylamines (such as phenylethanolamine) or being any kind of metabolite of amino acids or biogenic amine neurotransmitters.
Synonyms:	PNR
Note:	Immunogen Sequence Homology: Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Dog: 92%; Pig: 92%; Guinea pig: 92%; Horse: 85%
Protein Families:	Druggable Genome, GPCR, Transmembrane



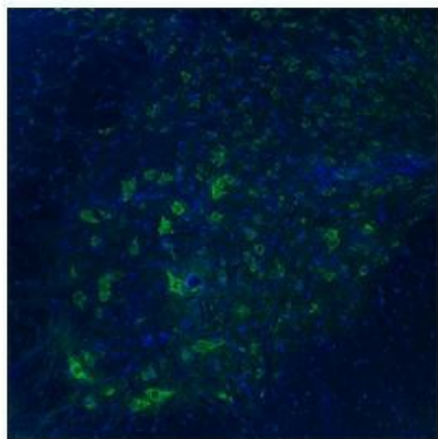
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Protein Pathways: Neuroactive ligand-receptor interaction

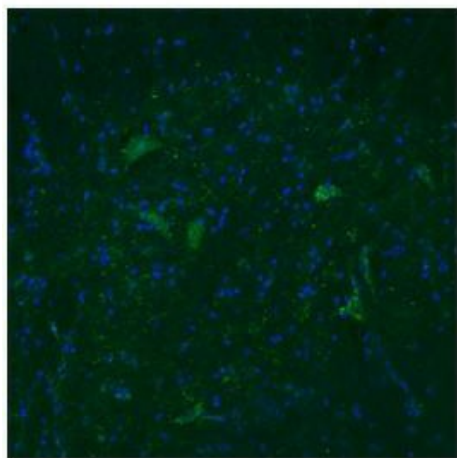
### Product images:



WB Suggested Anti-TAAR5 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: 293T cell lysate TAAR5 is supported by BioGPS gene expression data to be expressed in HEK293T



Sample Type : Spinal Cord, ventral horns;



Immunofluorescence: Dilution -- 3ug/mL