10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TAAR5 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14429

Specification

TAAR5 antibody - middle region - Product Information

Application	**IF, WB**
Primary Accession	Q5QD28
Other Accession	NM_003967, NP_003958
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Pig, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**38kDa KDa**

TAAR5 antibody - middle region - Additional Information

Gene ID 472128

Alias Symbol	**MGC138414, MGC138416, PNR, RP11-295F4.5**

Other Names
Trace amine-associated receptor 5, TaR-5, Trace amine receptor 5, TAAR5

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-TAAR5 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
TAAR5 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

TAAR5 antibody - middle region - Protein Information

Name TAAR5

Function
Olfactory receptor specific for trimethylamine, a trace amine. Also activated at lower level by dimethylethylamine. Trimethylamine is a bacterial metabolite found in some animal odors, and 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 (By similarity).

Cellular Location
Cell membrane; Multi-pass membrane protein

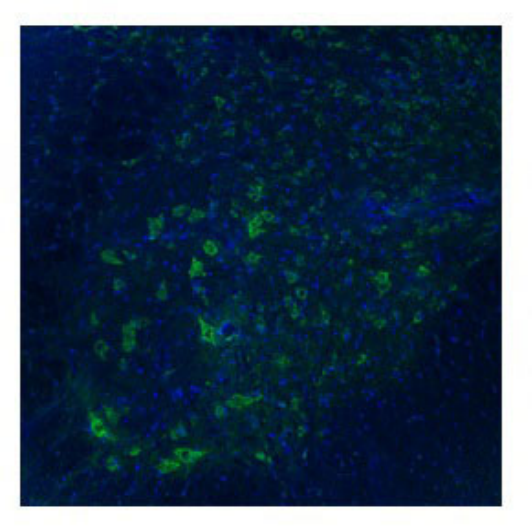
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TAAR5 antibody - middle region - Protocols

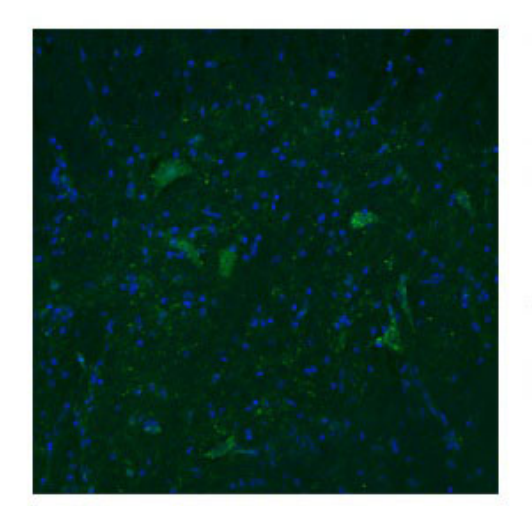
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TAAR5 antibody - middle region - Images

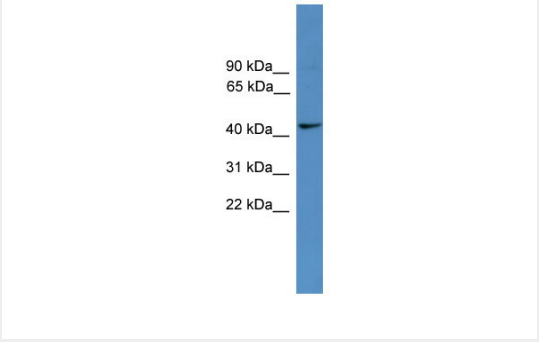


Sample Type : Spinal Cord, ventral horns



Immunofluorescence: Dilution -- 3µg/ml

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

TAAR5 antibody - middle region - References

Lindemann L.,et al.Genomics 85:372-385(2005).