

OR2T3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11921b**Specification**

OR2T3 Antibody (C-term) - Product Information

Application	IF, WB, IHC-P,E
Primary Accession	Q8NH03
Other Accession	Q8NGX1 , NP_001005495.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35598
Antigen Region	280-308

OR2T3 Antibody (C-term) - Additional Information**Gene ID** 343173**Other Names**

Olfactory receptor 2T3, OR2T3

Target/Specificity

This OR2T3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 280-308 amino acids from the C-terminal region of human OR2T3.

Dilution

IF~~1:10~50
WB~~1:1000
IHC-P~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

OR2T3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR2T3 Antibody (C-term) - Protein Information**Name** OR2T3

Function Odorant receptor.

Cellular Location

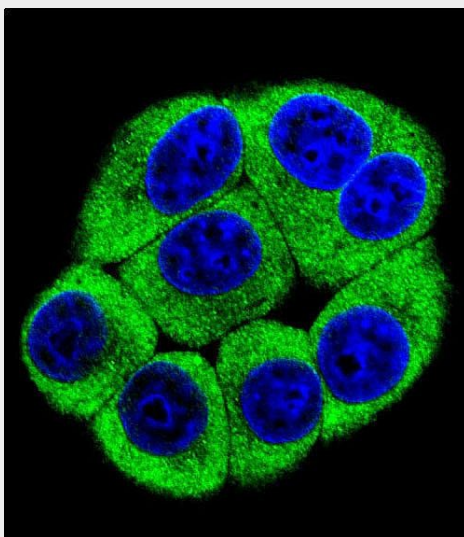
Cell membrane; Multi-pass membrane protein.

OR2T3 Antibody (C-term) - Protocols

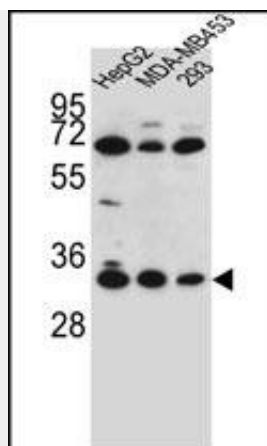
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

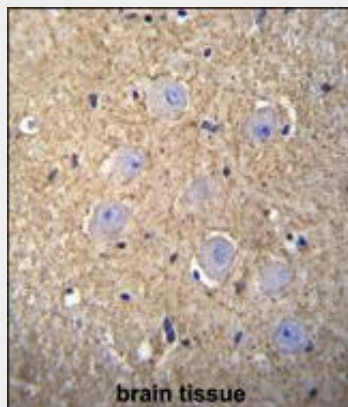
OR2T3 Antibody (C-term) - Images



Confocal immunofluorescent analysis of OR2T3 Antibody (C-term)(Cat#AP11921b) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



OR2T3 Antibody (C-term) (Cat. #AP11921b) western blot analysis in HepG2,MDA-MB453,293 cell line lysates (35ug/lane).This demonstrates the OR2T3 antibody detected the OR2T3 protein (arrow).



OR2T3 Antibody (C-term) (Cat. #AP11921b)immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of OR2T3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

OR2T3 Antibody (C-term) - Background

Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms.

OR2T3 Antibody (C-term) - References

Gregory, S.G., et al. Nature 441(7091):315-321(2006)