

OR111 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18524a**Specification**

OR111 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O60431
Other Accession	NP_001004713.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	39297
Antigen Region	1-30

OR111 Antibody (N-term) - Additional Information**Gene ID** 126370**Other Names**

Olfactory receptor 111, Olfactory receptor 19-20, OR19-20, OR111

Target/Specificity

This OR111 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human OR111.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

OR111 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR111 Antibody (N-term) - Protein Information**Name** OR111**Function** Odorant receptor.

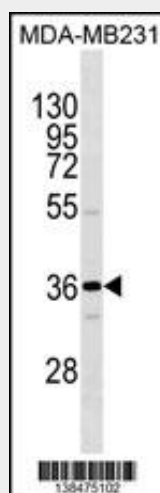
Cellular Location

Cell membrane; Multi-pass membrane protein.

OR111 Antibody (N-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](#)

OR111 Antibody (N-term) - Images

OR111 Antibody (N-term) (Cat. #AP18524a) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the OR111 antibody detected the OR111 protein (arrow).

OR111 Antibody (N-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.

OR111 Antibody (N-term) - References

Grimwood, J., et al. Nature 428(6982):529-535(2004)

Fuchs, T., et al. Genomics 80(3):295-302(2002)