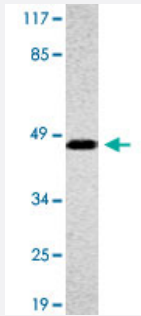


OR4A16 polyclonal antibody

Catalog # PAB26968 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of A-549 cell lysate with OR4A16 polyclonal antibody (Cat # PAB26968).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of OR4A16.
Immunogen	A synthetic peptide corresponding to human OR4A16.
Host	Rabbit
Theoretical MW (kDa)	46
Reactivity	Human, Mouse
Specificity	OR4A16 polyclonal antibody detects endogenous levels of OR4A16 protein.
Form	Liquid
Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of A-549 cell lysate with OR4A16 polyclonal antibody (Cat # PAB26968).

Gene Info — OR4A16

Entrez GeneID[81327](#)**Protein Accession#**[Q8NH70](#)**Gene Name**

OR4A16

Gene Alias

OR11-117, OR4A16Q

Gene Description

olfactory receptor, family 4, subfamily A, member 16

Gene Ontology[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

olfactory receptor OR11-117

Pathway

- [Olfactory transduction](#)