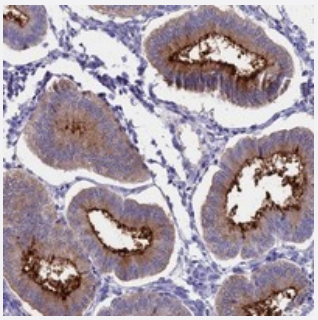
OR2AE1 polyclonal antibody

Catalog # PAB23997 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human uterus, pre-menopause with OR2AE1 polyclonal antibody (Cat # PAB23997) shows distinct membranous positivity in glandular cells at 1:50-1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant OR2AE1.
Immunogen	Recombinant protein corresponding to amino acids of human OR2AE1.
Sequence	MHFPFCGPRKVYHFYCEFPAVVKLVCGDITVYETTV
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% 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 shoul d be handled by trained staff only.

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Gene Info — OR2AE1

Entrez GeneID	81392
Protein Accession#	Q8NHA4
Gene Name	OR2AE1
Gene Alias	OR2AE2
Gene Description	olfactory receptor, family 2, subfamily AE, member 1
Gene Ontology	Hyperlink
Gene Summary	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response tha t 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 receptor s 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. T he 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. [provid ed by RefSeq
Other Designations	olfactory receptor, family 2, subfamily AE, member 2

Pathway

- Olfactory transduction