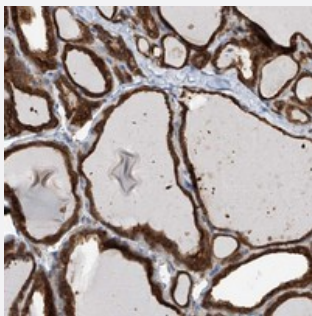


OR4K1 polyclonal antibody

Catalog # PAB22222 Size 100 uL

Applications



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

Immunohistochemical staining of human thyroid gland with OR4K1 polyclonal antibody (Cat # PAB22222) strong cytoplasmic positivity in glandular cells at 1:200-1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant OR4K1.
Immunogen	Recombinant protein corresponding to amino acids of human OR4K1.
Sequence	TVDLPF CGPNEVDSFFCDLPLVIELACMDTYEMEIMLTN
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) 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 should be handled by trained staff only.

Applications

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

Immunohistochemical staining of human thyroid gland with OR4K1 polyclonal antibody (Cat # PAB22222) strong cytoplasmic positivity in glandular cells at 1:200-1:500 dilution.

Gene Info — OR4K1

Entrez GeneID [79544](#)

Protein Accession# [Q8NGD4](#)

Gene Name OR4K1

Gene Alias OR14-19

Gene Description olfactory receptor, family 4, subfamily K, member 1

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 OR14-19

Pathway

- [Olfactory transduction](#)