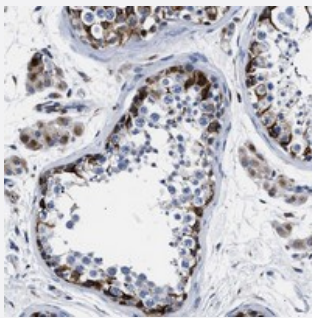


# OR10G3 polyclonal antibody

Catalog # PAB21235      Size 100 uL

## Applications



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

Immunohistochemical staining of human testis with OR10G3 polyclonal antibody (Cat # PAB21235) shows strong cytoplasmic positivity in cells in seminiferous ducts at 1:50-1:200 dilution.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against recombinant OR10G3.
<b>Immunogen</b>	Recombinant protein corresponding to amino acids of human OR10G3.
<b>Sequence</b>	MERINSTLLTAFILTGIPYPLRLRLF
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
<b>Storage Instruction</b>	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

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## Gene Info — OR10G3

**Entrez GeneID** [26533](#)

**Protein Accession#** [Q8NGC4](#)

**Gene Name** OR10G3

**Gene Alias** OR14-40

**Gene Description** olfactory receptor, family 10, subfamily G, member 3

**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 OR14-40

## Pathway

- [Olfactory transduction](#)