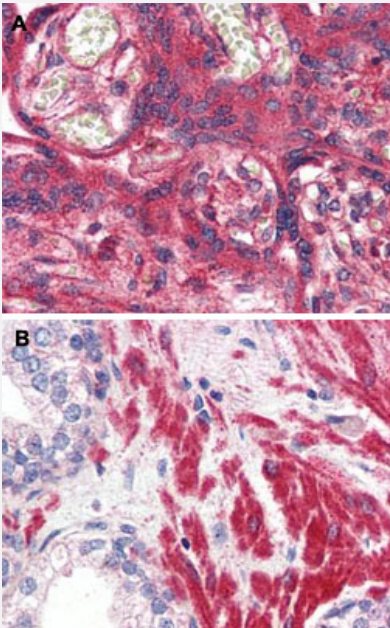


OR51E1 polyclonal antibody

Catalog # PAB26558

Size 50 ug

Applications



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

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human placenta (A) and human prostate (B) with OR51E1 polyclonal antibody (Cat # PAB26558). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of OR51E1.
Immunogen	A synthetic peptide corresponding to 16 amino acids from internal region of human OR51E1.
Host	Rabbit
Reactivity	Bovine, Dog, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except OR51B5 (69%).
Form	Liquid
Purification	Immunoaffinity chromatography

Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°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)

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Gene Info — OR51E1

Entrez GeneID	143503
Protein Accession#	Q8TCB6
Gene Name	OR51E1
Gene Alias	D-GPCR, FLJ13581, GPR136, GPR164, MGC24137, OR51E1P, OR52A3P, POGR, PSGR2
Gene Description	olfactory receptor, family 51, subfamily E, member 1
Omim ID	611267
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	Dresden-G-protein-coupled receptor olfactory receptor OR11-15 olfactory receptor, family 51, subfamily E, member 1 pseudogene olfactory receptor, family 52, subfamily A, member 3 pseudogene prostate overexpressed G protein-coupled receptor

Pathway

- [Olfactory transduction](#)