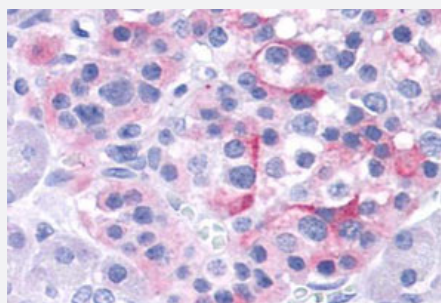


TRPV4 polyclonal antibody

Catalog # PAB27805

Size 50 ug

Applications



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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human pancreas, islet with TRPV4 polyclonal antibody (Cat # PAB27805). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TRPV4.
Immunogen	A synthetic peptide corresponding to 20 amino acid at internal region of human TRPV4.
Host	Rabbit
Reactivity	Bovine, Dog, Hamster, Horse, Human, Monkey, Mouse, Pig, Rat
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5-7.5 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)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human pancreas, islet with TRPV4 polyclonal antibody (Cat # PAB27805). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Gene Info — TRPV4

Entrez GeneID [59341](#)

Protein Accession# [Q9HBA0](#)

Gene Name TRPV4

Gene Alias OTRPC4, TRP12, VR-OAC, VRL-2, VRL2, VROAC

Gene Description transient receptor potential cation channel, subfamily V, member 4

Omim ID [605427](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the OSM9-like transient receptor potential channel (OTRPC) subfamily in the transient receptor potential (TRP) superfamily of ion channels. The encoded protein is a Ca²⁺-permeable, nonselective cation channel that is thought to be involved in the regulation of systemic osmotic pressure. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OSM9-like transient receptor potential channel 4|osmosensitive transient receptor potential channel 4|transient receptor potential channel 12|vanilloid receptor-related osmotically activated channel

Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)
- [Hyponatremia](#)
- [Osteoporosis](#)

- [Pulmonary Disease](#)