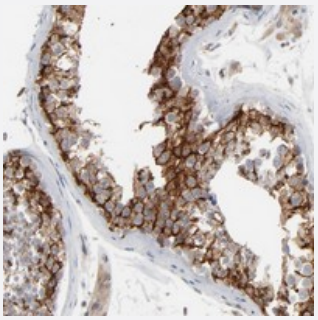
ITPR3 polyclonal antibody

Catalog # PAB20248 Size 100 uL

Applications



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

Immunohistochemical staining of human testis with ITPR3 polyclonal antibody (Cat # PAB20248) shows cytoplasmic positivity in cells in seminiferus ducts at 1:200-1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant ITPR3.
Immunogen	Recombinant protein corresponding to amino acids of human ITPR3.
Sequence	ITSTKNEKIFQESIGLAIHLLDGGNTEIQKSFHNLMMSDKKSERFFKVLHDRMKRAQQETKSTVAVN MNDLGSQPHEDREPVDPTTKGRVASFSIPGSSSRYSLGPSLRRGHEVSERVQSSEMGTSVLIMQ PILRFLQLLCENHNRD
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)

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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.

Applications

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Gene Info — ITPR3

Entrez GeneID	3710
Protein Accession#	Q14573
Gene Name	ITPR3
Gene Alias	FLJ36205, IP3R, IP3R3
Gene Description	inositol 1,4,5-triphosphate receptor, type 3
Omim ID	147267 222100
Gene Ontology	Hyperlink
Gene Summary	inositol 1
Other Designations	Inositol 1,4,5-trisphosphate receptor type 3 (Type 3 inositol 1,4,5-trisphosphate receptor) (Type 3 InsP3 receptor) (IP3 receptor isoform 3) (InsP3R3)|OTTHUMP00000016213

Pathway

- Calcium signaling pathway
- Gap junction
- GnRH signaling pathway
- Long-term depression
- Long-term potentiation

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- Phosphatidylinositol signaling system
- Taste transduction
- Vascular smooth muscle contraction

Disease

- Arthritis
- Asthma
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Graves Disease
- Lupus Erythematosus
- Perception
- Taste
- Thyroid Neoplasms
- Tobacco Use Disorder

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