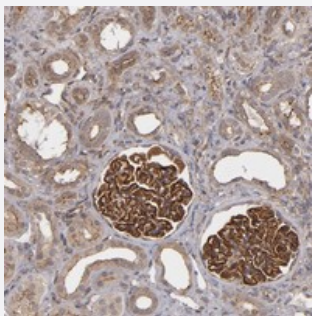


TJP1 polyclonal antibody

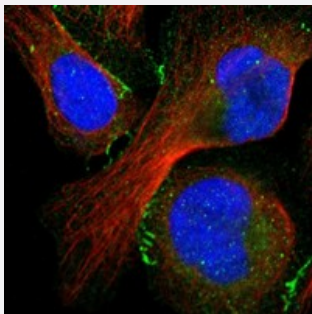
Catalog # PAB20077 Size 100 uL

Applications



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

Immunohistochemical staining of human kidney with TJP1 polyclonal antibody (Cat # PAB20077) shows distinct membranous and cytoplasmic positivity in cells of glomeruli.



Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with TJP1 polyclonal antibody (Cat # PAB20077) at 1-4 ug/mL dilution shows positivity in plasma membrane, cytoplasm, cell junctions.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant TJP1.
Immunogen	Recombinant protein corresponding to amino acids of human TJP1.
Sequence	ASSQPAKPTKVTLVKSRKNEEYGLRLASHIFVKEISQDSLAARDGNIQEGDVVLKINGTVTENMSLT DAKTLIERSKKGKLMVVQRDERATLLNVPDLSDSIHSANASERDDISEIQSLASDHSGR
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Immunofluorescence (1-4 ug/mL) 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)

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Gene Info — TJP1

Entrez GeneID	7082
Protein Accession#	Q07157
Gene Name	TJP1
Gene Alias	DKFZp686M05161, MGC133289, ZO-1
Gene Description	tight junction protein 1 (zona occludens 1)
Omim ID	601009
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein located on a cytoplasmic membrane surface of intercellular tight junctions. The encoded protein may be involved in signal transduction at cell-cell junctions. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000174520|tight junction protein 1|tight junction protein ZO-1|zona occludens 1|zonula occludens 1 protein

Pathway

- [Adherens junction](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [Gap junction](#)
- [Tight junction](#)
- [Vibrio cholerae infection](#)