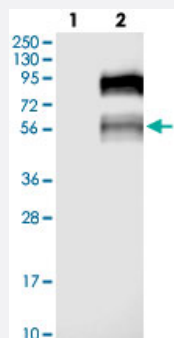


# TJAP1 polyclonal antibody

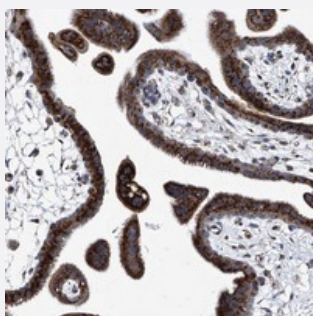
Catalog # PAB22407      Size 100 uL

## Applications



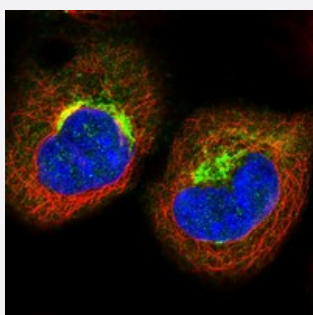
### Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with TJAP1 polyclonal antibody (Cat # PAB22407) at 1:250-1:500 dilution.



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

Immunohistochemical staining of human placenta with TJAP1 polyclonal antibody (Cat # PAB22407) shows strong cytoplasmic positivity in trophoblastic cells at 1:200-1:500 dilution.



### Immunofluorescence

Immunofluorescent staining of human cell line A-431 with TJAP1 polyclonal antibody (Cat # PAB22407) at 1-4 ug/mL dilution shows positivity in nucleus but not nucleoli and golgi apparatus.

## Specification

### Product Description

Rabbit polyclonal antibody raised against recombinant TJAP1.

### Immunogen

Recombinant protein corresponding to amino acids of human TJAP1.

Sequence	RLDCNLAVQLLKCNKSHFRNHKFADLPCELQDMVRKHLHSGQEAASPGPAPSLAPGAVVPTSVI ARVLEKPESLLLNSAQS
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) Western Blot (1:250-1:500) 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

- Western Blot (Transfected lysate)

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## Gene Info — TJAP1

Entrez GeneID [93643](#)

Protein Accession#	<a href="#">Q5JTD0</a>
Gene Name	TJAP1
Gene Alias	DKFZp686F06131, PILT, TJP4
Gene Description	tight junction associated protein 1 (peripheral)
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a tight junction-associated protein. Incorporation of the encoded protein into tight junctions occurs at a late stage of formation of the junctions. The encoded protein localizes to the Golgi and may function in vesicle trafficking. Alternatively spliced transcript variants have been described. A related pseudogene exists on the X chromosome. [provided by RefSeq]
Other Designations	OTTHUMP00000016453 OTTHUMP00000016454 OTTHUMP00000016455 OTTHUMP00000016458 OTTHUMP00000039822 protein incorporated later into tight junctions tight junction protein 4 (peripheral)

## Pathway

- [Tight junction](#)