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Datasheet for ABIN955226

## anti-TJAP1 antibody (N-Term)

### 2 Images

#### Overview

Quantity:	0.4 mL
Target:	TJAP1
Binding Specificity:	AA 147-176, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

#### Product Details

Immunogen:	KLH conjugated synthetic peptide between 147-176 amino acids from the N-terminal region of human TJAP1
Isotype:	Ig Fraction
Specificity:	This antibody detects TJAP1 (N-term).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification

#### Target Details

Target:	TJAP1
Alternative Name:	TJAP1 ( <a href="#">TJAP1 Products</a> )

## Target Details

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**Background:** 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].Synonyms: PILT, Protein incorporated later into tight junctions, TJP4, Tight junction protein 4, Tight junction-associated protein 1

**Gene ID:** 93643

**NCBI Accession:** [NP\\_001139488](#)

## Application Details

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**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 0.25 mg/mL

**Buffer:** PBS with 0.09 % (W/V) sodium azide

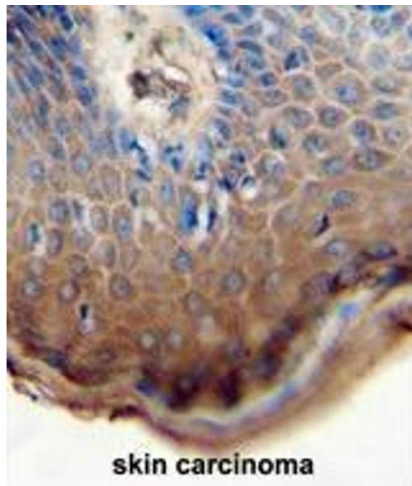
**Preservative:** Sodium azide

**Precaution of Use:** This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Handling Advice:** Avoid repeated freezing and thawing.

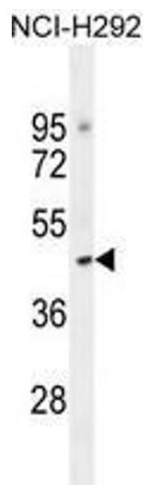
**Storage:** 4 °C/-20 °C

**Storage Comment:** Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** TJP1 antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skin carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TJP1 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** TJP1 Antibody (N-term) western blot analysis in NCI-H292 cell line lysates (35 µg/lane). This demonstrates the TJP1 antibody detected the TJP1 protein (arrow).