

## Product datasheet for **AP54261PU-N**

### **TJAP1 (N-term) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	ELISA: 1:1;000. Western blot: 1:100~500. Immunohistochemistry on paraffin sections: 1:50~100.
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	Ig
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	KLH conjugated synthetic peptide between 147-176 amino acids from the N-terminal region of human TJAP1
<b>Specificity:</b>	This antibody detects TJAP1 (N-term).
<b>Formulation:</b>	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid Ig fraction
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Protein A column followed by peptide affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	tight junction associated protein 1
<b>Database Link:</b>	<a href="#">Entrez Gene 93643 Human Q5JTD0</a>



[View online »](#)

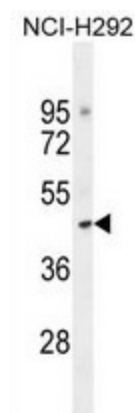
**Background:** This gene encodes a tight junction-associated protein. Incorporation of the encoded protein into tight junctions occurs at a late stage of formation of the junctions. The encoded protein localizes to the Golgi and may function in vesicle trafficking. Alternatively spliced transcript variants have been described. A related pseudogene exists on the X chromosome. [provided by RefSeq].

**Synonyms:** TJP4, Tight junction protein 4, PILT

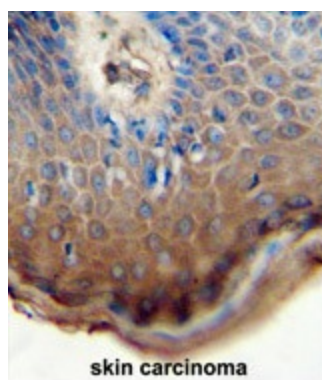
**Note:** **Molecular Weight:** 61821 Da; isoform 53kd Da

**Protein Pathways:** Tight junction

### Product images:



TJAP1 Antibody (N-term) western blot analysis in NCI-H292 cell line lysates (35 ug/lane). This demonstrates the TJAP1 antibody detected the TJAP1 protein (arrow).



TJAP1 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 TJAP1 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.