

Rabbit TJAP1 Polyclonal Antibody | anti-TJAP1 antibody

TJAP1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284714	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

TJAP1; Polyclonal Antibody; TJAP1 Antibody (N-term); Tight junction-associated protein 1; Protein incorporated later into tight junctions; Tight junction protein 4; PILT; TJP4; anti-TJAP1 antibody

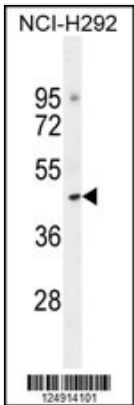
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TJAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 144-171 amino acids from the N-terminal region of human TJAP1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	144-171
Sequence Length	482
Applicable Applications for anti-TJAP1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-TJAP1 antibody	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].
Product Categories/Family for anti-TJAP1 antibody	Signal Transduction
References	Kimura, K., et al. Genome Res. 16(1):55-65(2006) Kawabe, H., et al. J. Biol. Chem. 276(51):48350-48355(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	225690487
NCBI GeneID	93643
NCBI Accession #	NP_001139488.1; NP_001139489.1; NP_001139490.1; NP_001139491.1; NP_001139492.1; NP_542171.2
NCBI GenBank Nucleotide #	NM_001146016.1
UniProt Accession #	Q5JTD0; Q05BH9; Q5JTD1; Q5JWW1; Q68DB2; Q6P2P3; Q9H7V7
Molecular Weight	61821
NCBI Official Full Name	tight junction-associated protein 1 isoform a
NCBI Official Synonym Full Names	tight junction associated protein 1 (peripheral)
NCBI Official Symbol	TJAP1
NCBI Official Synonym Symbols	PILT; TJP4
NCBI Protein Information	tight junction-associated protein 1
UniProt Protein Name	Tight junction-associated protein 1
UniProt Gene Name	TJAP1

UniProt Synonym Gene Names	PILT; TJP4
UniProt Entry Name	TJAP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tjap1-antibody-immunohistochemistry-western-blot-elisa/284714>