

TJP2 Rabbit pAb

Catalog No.: A0594 **1 Publications**

Basic Information

Observed MW

160kDa

Calculated MW

134kDa

Category

Primary antibody

Applications

WB,IP,ELISA

Cross-Reactivity

Human, Mouse

Background

This gene encodes a zonula occludens that is a member of the membrane-associated guanylate kinase homolog family. The encoded protein functions as a component of the tight junction barrier in epithelial and endothelial cells and is necessary for proper assembly of tight junctions. Mutations in this gene have been identified in patients with hypercholanemia, and genomic duplication of a 270 kb region including this gene causes autosomal dominant deafness-51. Alternatively spliced transcripts encoding multiple isoforms have been observed for this gene.

Recommended Dilutions

WB 1:500 - 1:5000

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Contact

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Immunogen Information

Gene ID

9414

Swiss Prot

Q9UDY2

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

ZO2; X104; FHCA1; PFIC4; DFNA51; DUP9q21.11; C9DUPq21.11; TJP2

Product Information

Source

Rabbit

Isotype

IgG

Purification

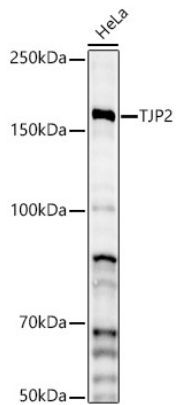
Affinity purification

Storage

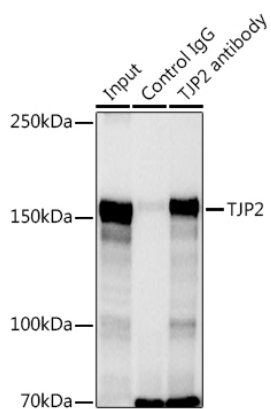
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from HeLa cells, using TJP2 Rabbit pAb (A0594) at 1:2000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 90s.



Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg TJP2 Rabbit pAb (A0594).
Western blot was performed from the immunoprecipitate using TJP2 Rabbit pAb (A0594) at a dilution of 1:1000.