

TJP3 Rabbit pAb

Catalog No.: A13085 **1 Publications**

Basic Information

Observed MW

150kDa

Calculated MW

101kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

Background

The protein encoded by this gene is a member of the membrane-associated guanylate kinase-like (MAGUK) protein family which is characterized by members having multiple PDZ domains, a single SH3 domain, and a single guanylate kinase-like (GUK)-domain. In addition, members of the zonula occludens protein subfamily have an acidic domain, a basic arginine-rich region, and a proline-rich domain. The protein encoded by this gene plays a role in the linkage between the actin cytoskeleton and tight-junctions and also sequesters cyclin D1 at tight junctions during mitosis. Alternative splicing results in multiple transcript variants encoding distinct isoforms. This gene has a partial pseudogene on chromosome 1.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

27134

Swiss Prot

O95049

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 710-919 of human TJP3 (NP_001254489.1).

Synonyms

ZO3; ZO-3; TJP3

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

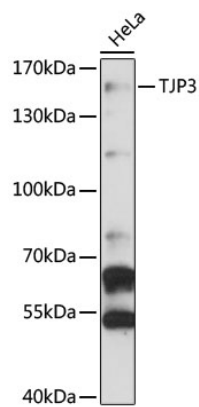
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of HeLa cells, using TJP3 antibody (A13085) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.