



# Anti-TJP3 (aa 868-952) polyclonal antibody (DPAB-DC1353)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	TJP3 (NP_055243, 868 a.a. ~ 952 a.a) partial recombinant protein with GST tag. The sequence is DEPPAPALARSSPEPVQADESQSPDRGRISAHQGAQVDSRHPQGQWRQDSMRTYEREALK KKFMRVHDAESSDEDGYDWGPATDL
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">TJP3 tight junction protein 3 [ Homo sapiens (human) ]</a>
Official Symbol	TJP3
Synonyms	TJP3; tight junction protein 3; ZO3; ZO-3; tight junction protein ZO-3; zona occludens protein 3; zonula occludens protein 3; tight junction protein 3 (zona occludens 3);
Entrez Gene ID	<a href="#">27134</a>
Protein Refseq	<a href="#">NP_001254489</a>
UniProt ID	<a href="#">O95049</a>
Chromosome Location	19p13.3
Pathway	Tight junction;
Function	protein binding;