



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

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

GENE INFORMATION

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