

## Product datasheet for **TA382554S**

### TJP2 Rabbit Polyclonal Antibody

#### Product data:

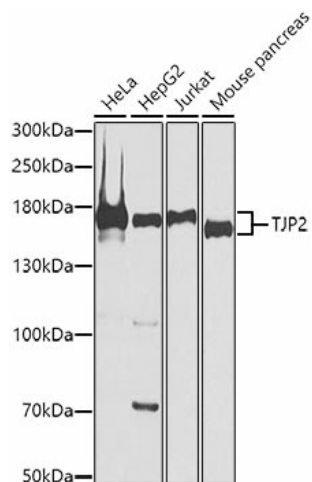
Product Type:	Primary Antibodies
Applications:	IP, WB
Recommended Dilution:	WB,1:500 - 1:2000 IP,1:50 - 1:200
Reactivity:	Human, Mouse
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 951-1190 of human TJP2 (NP_004808.2).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	111-137kDa
Gene Name:	tight junction protein 2
Database Link:	<a href="#">Entrez Gene 9414 Human Q9UDY2</a>
Background:	This gene encodes a zonula occluden 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.



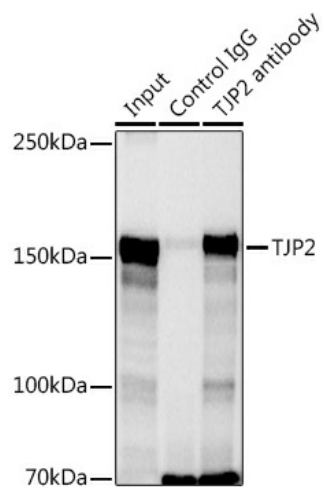
[View online »](#)

Synonyms: MGC26306; X104; ZO-2; ZO2

**Product images:**



Western blot analysis of extracts of various cell lines, using TJP2 antibody ([TA382554]) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 90s.



Immunoprecipitation analysis of 300ug extracts of HeLa cells using 3ug TJP2 antibody ([TA382554]). Western blot was performed from the immunoprecipitate using TJP2 antibody ([TA382554]) at a dilution of 1:1000.