

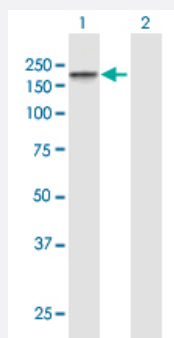
MaxPab®

TJP2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009414-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of TJP2 expression in transfected 293T cell line ([H00009414-T01](#)) by TJP2 MaxPab polyclonal antibody.

Lane 1: TJP2 transfected lysate(130.9 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human TJP2 protein.

Immunogen

TJP2 (CAL37845.1, 1 a.a. ~ 1190 a.a) full-length human protein.

Sequence

MPVRGDRGFPPRRELSGWLRA PGMEELWEQYTVTLQKDSKRGFGIAVSGGRDNPHFENGETSI
VISDVLPGGPADGLLQENDRVVMVNGTPMEDVLHSFAVQQLRKSGKVAAMVKRPRKVQVAALQ
ASPPLDQDDRAFEVMDEFDGRSFRSGYSERSRLNSHGGRSRSWEDSPERGRPHERARSRERD
LSRDRSRGRSLERGLDQDHARTDRSRGRSLERGLDHFGPSRDRDRDRSRGRSIDQDYERAY
HRAYDPDYERAYSPEYRRGARHDARSRGPRSRSRREHPHSRSPSPEPRGRPGPIGVLLMKSRAN
EEYGLRLGSQIFVKEMTRTGLATKDGNLHEGDILKINGTVTENMSLTDARKLIEKSRGKLQLVVLRD
SQQTLINIPSLNDSSEIEDISEIESNRSFSPEERRHQYSDYDYHSSSEKLKERPSSREDTPSRLSR
MGATPTPFKSTGDIAGTVVPETNKEPRYQEDPPAPQPKAAPRTFLRPSPEDAIYGPNTKMVRFK
KGDSVGLRLAGGNDVGIFVAGIQEGTSAEQEGLQEGDQILKVNTQDFRGLVREDAVLYLLEIPKGE
MVTILAQSRADVYRDILACGRGDSFFIRSHFECEKETPQSLAFTRGVEVFRVVDLYDGKLG NWLA
VRIGNELEKGLIPNKSRAEQMASVQNAQRDNAGDRADFWRMRGQRSGVKKNLRKSREDLTAVV
SVSTKFPAYERVLLREAGFKRPVVLFGPIADIAMEKLANELPDWFQTAKTEPKDAGSEKSTGVVR
LNTVRQII EQDKHALLDVTPKAVDLLNYTQWFPVIFFPNPSRQGVKTMQRQLNPTSNKSSRKLFD
QANKLKKTCAHLFTATINLSANDSWFGSLKDTIQHQQGEAVVWSEGKMEGMDDDPEDRMSYL
TAMGADYLSCD SRLISDFEDTDGEGGAYTDNELDEPAEEPLVSSITRSSEP VQHEESIRKPSPEP
RAQMRR AASSDQLRDNSPPPAFKPEPPKAKTQNKEESYDFS KSYEYKSNPSAVAGNETPGAST
KGYPPPVA AKPTFGRSILKPSTPIPPQEGEEVGESSEEQDNAPKSVLGKVKIFEKMDHKARLQRM
QELQEAQNARIEIAQKHPDIYAVPIKTHKPDGTPQHTSSRPPEPQKAPSRPYQDTRGSYGSDAEE
EEYRQQLSEH SKRGYYGQSARYRDTL

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (85); Rat (85)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — TJP2

Entrez GeneID

[9414](#)

GeneBank Accession#	AM392967
Protein Accession#	CAL37845.1
Gene Name	TJP2
Gene Alias	MGC26306, X104, ZO-2, ZO2
Gene Description	tight junction protein 2 (zona occludens 2)
Omim ID	607709 607748
Gene Ontology	Hyperlink
Gene Summary	Tight junction proteins (TJPs) belong to a family of membrane-associated guanylate kinase (MAG UK) homologs that are involved in the organization of epithelial and endothelial intercellular junctions. TJPs bind to the cytoplasmic C termini of junctional transmembrane proteins and link them to the actin cytoskeleton.[supplied by OMIM]
Other Designations	Friedreich ataxia region gene X104 (tight junction protein ZO-2) OTTHUMP00000021431 OTTHUMP00000063359

Pathway

- [Tight junction](#)
- [Vibrio cholerae infection](#)