

Rabbit anti-Human TJP2 Polyclonal Antibody | anti-TJP2 antibody

TJP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243491	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

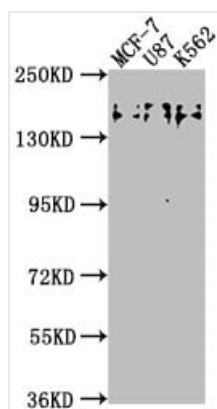
PRODUCT SYNONYMS

TJP2; Polyclonal Antibody; TJP2 Antibody; Tight junction protein ZO-2 (Tight junction protein 2) (Zona occludens protein 2) (Zonula occludens protein 2); X104 ZO2; anti-TJP2 antibody

PRODUCT SPECIFICATIONS

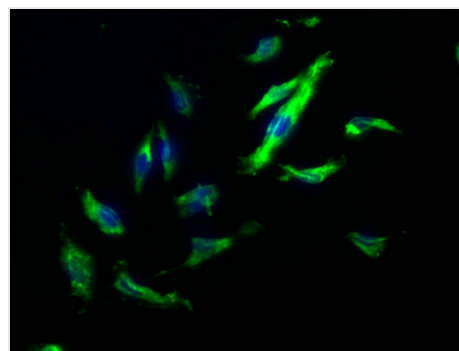
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G Purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Applicable Applications for anti-TJP2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Peptide sequence from Human Tight junction protein ZO-2 protein (1165-1183AA)
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



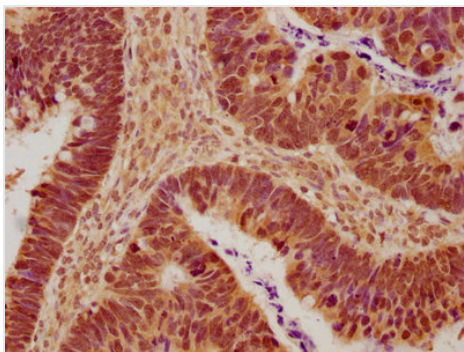
WB (Western Blot)

Western Blot Positive WB detected in: MCF-7 whole cell lysate, U87 whole cell lysate, K562 whole cell lysate. All lanes: TJP2 antibody at 1:2000. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 134, 118, 112, 132, 116, 131, 138 kDa. Observed band size: 150 kDa.



IF (Immunofluorescence)

Immunofluorescence staining of U251 cells with AAA243491 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of AAA243491 diluted at 1:600 and staining in paraffin-embedded human ovarian cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TJP2 antibody	Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42518070
NCBI GeneID	9414
NCBI Accession #	NP_004808.2
NCBI GenBank Nucleotide #	NM_004817.3
UniProt Accession #	Q9UDY2; Q15883; Q5VXL0; Q5VXL1; Q8N756; Q8NI14; Q99839; A2A3H9; B7Z2R8; B7Z7T6; F5H301; F5H886
Molecular Weight	133,958 Da
NCBI Official Full Name	tight junction protein ZO-2 isoform 1
NCBI Official Synonym Full Names	tight junction protein 2
NCBI Official Symbol	TJP2
NCBI Official Synonym Symbols	ZO2; X104; PFIC4; DFNA51; DUP9q21.11; C9DUPq21.11
NCBI Protein Information	tight junction protein ZO-2; zona occludens 2; zonula occludens protein 2; Friedrich ataxia region gene X104 (tight junction protein ZO-2)
UniProt Protein Name	Tight junction protein ZO-2
UniProt Gene Name	TJP2
UniProt Synonym Gene Names	X104; ZO2
UniProt Entry Name	ZO2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/tjp2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/243491>