

Anti-TJP1 antibody (18-1748) (STJ113790)

GENERAL INFORMATION

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|---------------|--------------------|
| Product Type | Primary antibodies |
| Applications | WB/IF/ICC/ELISA |
| Host / Source | Rabbit |
| Reactivity | Human/Mouse/Rat |

PRODUCT PROPERTIES

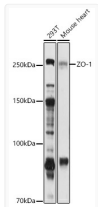
| | |
|---------------------|---|
| Clonality | Polyclonal |
| Concentration | Lot specific |
| Conjugation | Unconjugated |
| Purification | Affinity purification |
| Dilution Range | WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation | PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3. |
| Isotype | IgG |
| Molecular Weight | Protein Mw: 195kDa Observed Mw: 250kDa |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles. |

TARGET INFORMATION

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| Gene ID | 7082 |
| Gene Symbol | TJP1 |
| UniProt ID | ZO1_HUMAN |
| Immunogen Region | 18-1748 |
| Immunogen Sequence | IWEQHTVTLHRAPGFGFGIA ISGGRDNPHFQSGETSIVIS DVLKGGPAEGQLQENDRVAM VNGVSMDNVEHAFVQQLRK SGKNAKITIRKKKVQIPVS RPDPEPVSDNEEDSYDEEIH DPRSGRSGVVNRRSEKIWPR DRASRERSLSPRSDDRRSVA SSQPAKPTKVTLVKSARKNEE YGLRLASHIFVKEISQDSL A RDGNIQEGDVVLKINGT VT ENMSLTD AKTLIERSKGKL |
| Specificity | Recombinant fusion protein containing a sequence corresponding to amino acids 18-273 of human ZO-1 (NP_003248.3). |

ADDITIONAL INFORMATION

Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of extracts of various cell lines, using ZO-1 antibody (STJ113790) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.