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Datasheet for ABIN305886
anti-TJP2 antibody (C-Term)

2 Images

Overview

Quantity:	50 µg
Target:	TJP2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TJP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide derived from the C-terminal region of human or canine ZO-2. Type of Immunogen: Synthetic peptide
Specificity:	Recognizes the ~130-160kD human ZO-2 protein, isoforms A or C. A band of unknown origin lower than 75kD may be observed in certain lysates.
Purification:	Immunoaffinity purified

Target Details

Target:	TJP2
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Target Details

Alternative Name: TJP2 / ZO2 / ZO-2 ([TJP2 Products](#))

Background: Name/Gene ID: TJP2
Family: Occludin

Synonyms: TJP2, C9DUPq21.11, DUP9q21.11, DFNA51, ZO-2, Zona occludens 2, Zonula occludens protein 2, Tight junction protein 2, Tight junction protein ZO-2, ZO2, X104, Zona occludens protein 2

Gene ID: 9414

UniProt: [Q9UDY2](#)

Application Details

Application Notes: Approved: IF (2.5 µg/mL), IHC, IHC-P (5 - 10 µg/mL), WB (1 - 3 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5-10 µg/mL. Immunofluorescence: 2.5 µg/mL. Cells need to be fixed with ice-cold ethanol for 30 minutes on ice prior to assays. Positive control: Western Blot: CaCO2 human colorectal adenocarcinoma, MDCK II canine kidney, KNRK rat kidney, and TMCK-1 mouse kidney cell lysates.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.4, 0.09 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

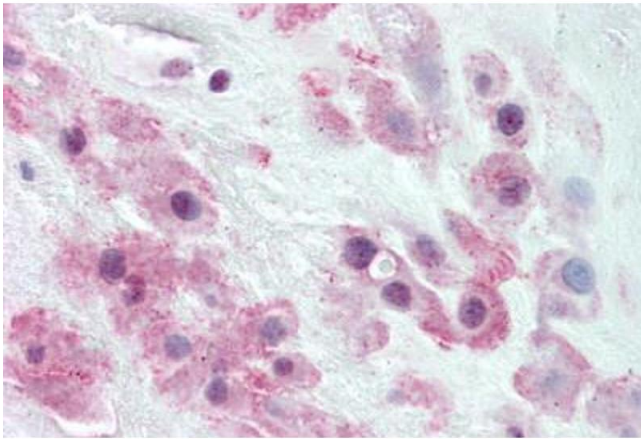
should be handled by trained staff only.

Handling Advice: Aliquot to Avoid repeated freezing and thawing

Storage: 4 °C, -20 °C

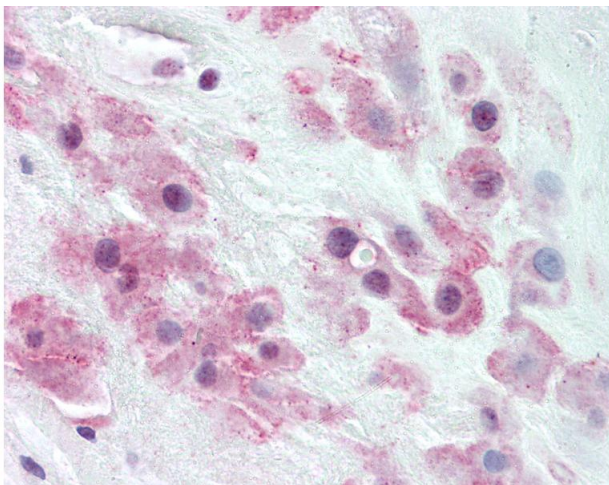
Storage Comment: Short term: 4°C, Long term: aliquot to Avoid freeze-thaw cycles, and store at -20°C.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Placenta, Intermediate Trophoblasts (formalin-fixed, paraffin-embedded) stained with TJP2 antibody ABIN305886 at 5-10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-TJP2 / ZO-2 antibody IHC of human placenta, intermediate trophoblasts. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.