Datasheet for ABIN364296

anti-TJP3 antibody (C-Term)

3 Images

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Overview

Quantity:	50 µg
Target:	TJP3
Binding Specificity:	C-Term
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide derived from the C-terminus of the human ZO-3 protein. Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Reacts with ZO-3 protein with a molecular weight of ~130kD. Cross-reactivity with other Zonula Occluden family members has not been observed. Reactivity is confirmed with human T84 and MDCK cell lysates. Species cross-reactivity: human and canine.
Purification:	Immunoaffinity purified

Target Details

Target:	TJP3
Alternative Name:	TJP3 / ZO3 (TJP3 Products)
Background:	Name/Gene ID: TJP3 Family: Occludin Synonyms: TJP3, Tight junction protein 3, ZO-3, Zona occludens protein 3, Zonula occludens protein 3, Tight junction protein ZO-3, ZO3
Gene ID:	27134
UniProt:	O95049

Application Details

Application Notes:	Approved: ELISA, IF, IHC, IHC-P (10 µg/mL), IP, WB 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 10 µ g/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

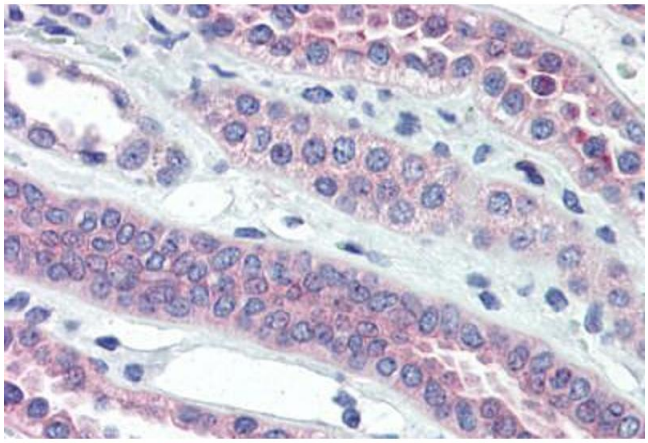
Handling

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 should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

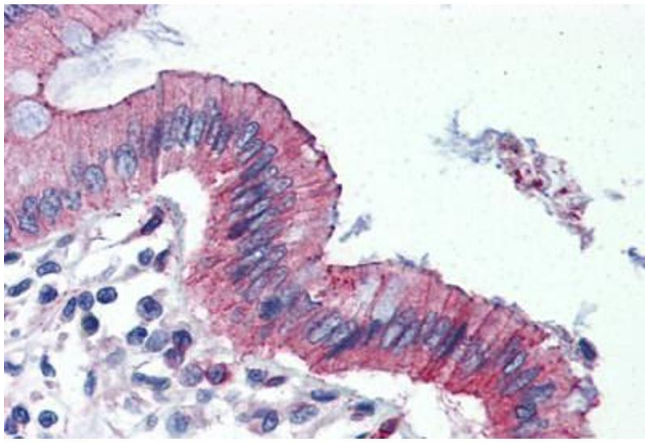
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

Images



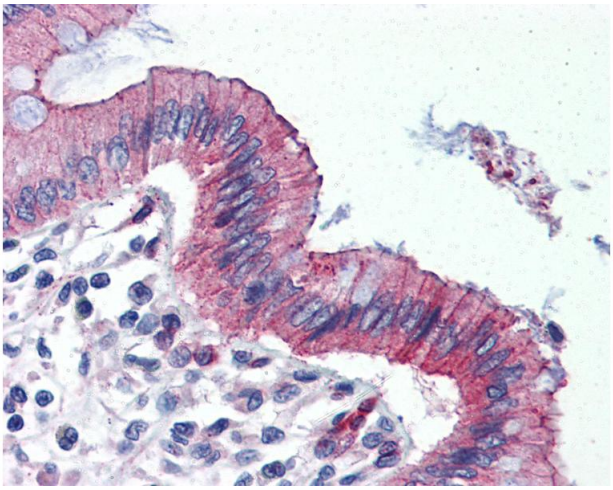
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Kidney (formalin-fixed, paraffin-embedded) stained with TJP3 antibody ABIN364296 at 10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Colon (formalin-fixed, paraffin-embedded) stained with TJP3 antibody ABIN364296 at 10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-TJP3 / ZO-3 antibody IHC of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

