

Datasheet for ABIN7140173
anti-TJP2 antibody (AA 1165-1183)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	TJP2
Binding Specificity:	AA 1165-1183
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TJP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Peptide sequence from Human Tight junction protein ZO-2 protein (1165-1183AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TJP2
Alternative Name:	TJP2 (TJP2 Products)
Background:	Background: Plays a role in tight junctions and adherens junctions. Aliases: C9DUPq21.11 antibody, DFNA51 antibody, DUP9q21.11 antibody, Friedreich ataxia

Target Details

region gene X104 (tight junction protein ZO-2) antibody, MGC26306 antibody, PFIC4 antibody, Tight junction protein 2 antibody, Tight junction protein ZO 2 antibody, Tight junction protein ZO-2 antibody, TJP2 antibody, X104 antibody, ZO 2 antibody, ZO-2 antibody, ZO2 antibody, ZO2_HUMAN antibody, Zona occludens 2 antibody, Zona occludens protein 2 antibody, Zonula occludens protein 2 antibody

UniProt: [Q9UDY2](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:500-1:1000, IF:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

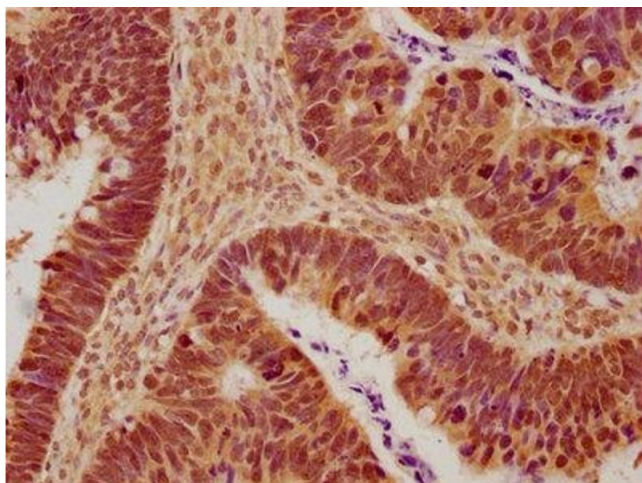
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

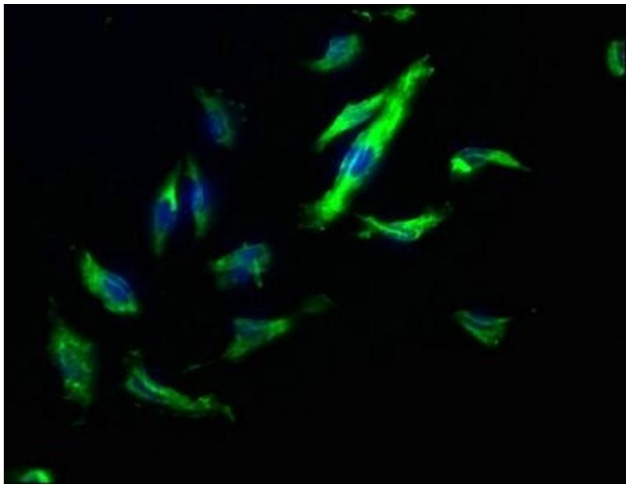
Images



Immunohistochemistry

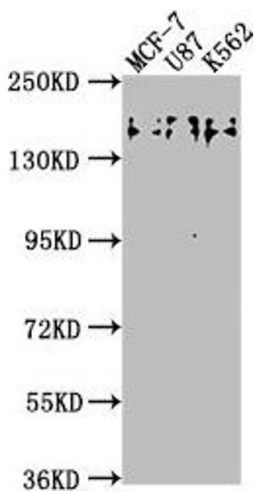
Image 1. IHC image of ABIN7140173 diluted at 1:600 and staining in paraffin-embedded human ovarian cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and

visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of U251 cells with ABIN7140173 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 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 3. 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