

Datasheet for ABIN2856624
anti-TJP1 antibody (N-Term)

8 Images

1 Publication

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Overview

Quantity:	100 µL
Target:	TJP1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TJP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human ZO-1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to ZO-1 (tight junction protein 1 (zona occludens 1)) ZO-1 antibody [N1N2], N-term
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	TJP1
Alternative Name:	tight junction protein 1 (TJP1 Products)
Background:	<p>This gene encodes a protein located on a cytoplasmic membrane surface of intercellular tight junctions. The encoded protein may be involved in signal transduction at cell-cell junctions. Two transcript variants encoding distinct isoforms have been identified for this gene.</p> <p>Cellular Localization: Cell membrane, Peripheral membrane protein, Cytoplasmic side , Cell junction , tight junction</p>
Molecular Weight:	195 kDa
Gene ID:	7082
UniProt:	Q07157
Pathways:	Carbohydrate Homeostasis , Cell-Cell Junction Organization

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HeLa Validation: KO/KD
Restrictions:	For Research Use only

Handling

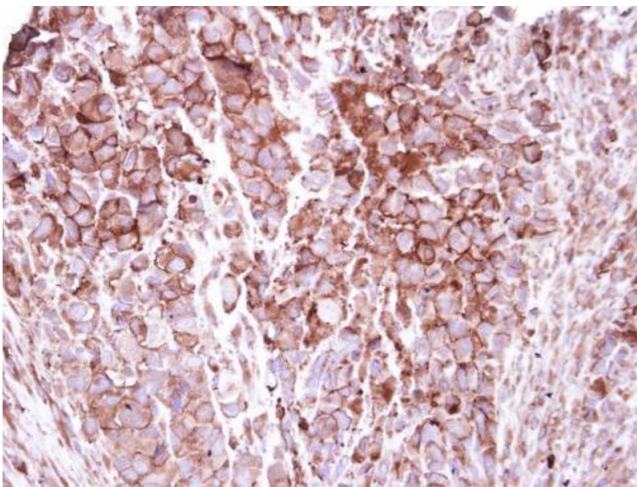
Format:	Liquid
Concentration:	0.22 mg/mL
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

Publications

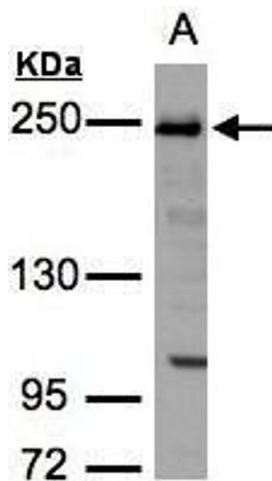
Product cited in: Salzman, Nakamura, Nallur, Dookwah, Metheetrairut, Slack, Weidhaas: "miR-34 activity is modulated through 5'-end phosphorylation in response to DNA damage." in: **Nature communications**, Vol. 7, pp. 10954, (2016) ([PubMed](#)).

Images



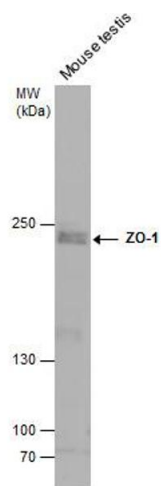
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded H661 xenograft, using ZO-1, antibody at 1:250 dilution.



Western Blotting

Image 2. WB Image Sample(30 ug whole cell lysate) A:H1299 5% SDS PAGE antibody diluted at 1:3000



Western Blotting

Image 3. WB Image Mouse tissue extract (50 µg) was separated by 5% SDS-PAGE, and the membrane was blotted with ZO-1 antibody [N1N2], N-term , diluted at 1:500.

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN2856624.