

Claudin 4 Polyclonal Antibody (ZMD.306)

Product Details

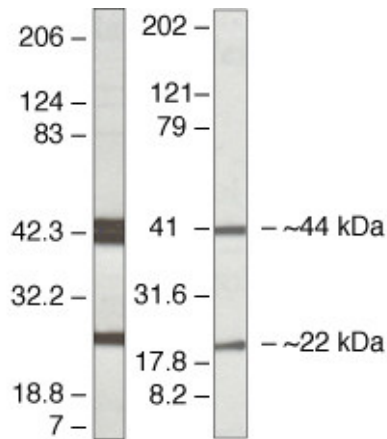
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|--------------------|---|
| Size | 100 µg |
| Species Reactivity | Mouse, Rat |
| Published Species | Dog, Rat, Pig, Non-human primate, Hamster, Sheep, Plant, Human, Mouse |
| Host/Isotype | Rabbit / IgG |
| Class | Polyclonal |
| Type | Antibody |
| Clone | ZMD.306 |
| Conjugate | Unconjugated |
| Immunogen | Synthetic peptide derived from the C-terminal region of mouse Claudin-4 |
| Form | Liquid |
| Concentration | 0.25 mg/mL |
| Purification | Antigen affinity chromatography |
| Storage buffer | PBS, pH 7.4 |
| Contains | 0.1% sodium azide |
| Storage conditions | -20°C |
| RRID | AB_2533262 |

| Applications | Tested Dilution | Publications |
|---|-----------------|-----------------|
| Western Blot (WB) | 1-3 µg/mL | 34 Publications |
| Immunohistochemistry (IHC) | - | 29 Publications |
| Immunohistochemistry (Paraffin) (IHC (P)) | - | 4 Publications |
| Immunohistochemistry (Frozen) (IHC (F)) | - | 5 Publications |
| Immunocytochemistry (ICC/IF) | Assay-dependent | 20 Publications |
| Flow Cytometry (Flow) | - | 2 Publications |
| ELISA (ELISA) | 0.1-1 µg/mL | - |
| Immunoprecipitation (IP) | 1-3 µg/mL | - |
| Miscellaneous PubMed (Misc) | - | 5 Publications |

Product Specific Information

Reactivity has been confirmed with mouse and rat kidney homogenates. On western blots a 22 kDa band is observed and a 44 kDa band representing dimerized protein may be observed.

Product Images For Claudin 4 Polyclonal Antibody (ZMD.306)



Claudin 4 Antibody (36-4800) in WB
Western blot analysis of (left) mouse and (right) rat kidney homogenates using Rabbit anti-Claudin-4 Polyclonal Antibody (Product # 36-4800).

Western blot analysis of (left) mouse and (right) rat kidney homogenates using Rb anti-Claudin-4 (Cat. no. 36-4800).

[View more figures on thermofisher.com](https://www.thermofisher.com)

Western Blot (34)

| | |
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| International journal of molecular sciences | Year 2022 |
| Selective Role of TNF and IL10 in Regulation of Barrier Properties of the Colon in DMH-Induced Tumor and Healthy Rats. | Species Rat |
| "36-4800 was used in Western Blotting to indicate a selective role of the cytokines in regulation of the barrier properties of the colon and a prominent role of IL10 in carcinogenesis in its proximal part." | |
| Authors: Bekusova V,Zudova T,Fatyykhov I,Fedorova A,Amasheh S,Markov AG | |
| | |
| iScience | Year 2022 |
| The global Protein-RNA interaction map of ESRP1 defines a post-transcriptional program that is essential for epithelial cell function. | |
| "Published figure using Claudin 4 polyclonal antibody (Product # 36-4800) in Western Blot" | |
| Authors: Peart NJ,Hwang JY,Quesnel-Vallières M,Sears MJ,Yang Y,Stoilov P,Barash Y,Park JW,Lynch KW,Carstens RP | |

[View more WB references on thermofisher.com](#)

Immunohistochemistry (29)

| | |
|--|--------------|
| The EMBO journal | Year 2022 |
| Airway secretory cell fate conversion via YAP-mTORC1-dependent essential amino acid metabolism. | |
| "Published figure using Claudin 4 polyclonal antibody (Product # 36-4800) in Immunohistochemistry" | |
| Authors: Jeon HY,Choi J,Kraaier L,Kim YH,Eisenbarth D,Yi K,Kang JG,Kim JW,Shim HS,Lee JH,Lim DS | |
| | |
| Cellular and molecular gastroenterology and hepatology | Year 2022 |
| A Novel Microphysiological Colon Platform to Decipher Mechanisms Driving Human Intestinal Permeability. | |
| "Published figure using Claudin 4 polyclonal antibody (Product # 36-4800) in Immunocytochemistry" | |
| Authors: Apostolou A,Panchakshari RA,Banerjee A,Manatakis DV,Paraskevopoulou MD,Luc R,Abu-Ali G,Dimitriou A,Lucchesi C,Kulkarni G,Maulana TI,Kasendra M,Kerns JS,Bleck B,Ewart L,Manolagos ES,Hamilton GA,Giallourakis C,Karalis K | |

[View more IHC references on thermofisher.com](#)

More applications with references on thermofisher.com

- IHC (P) (4)
- IHC (F) (5)
- ICC/IF (20)
- Flow (2)
- Misc (5)

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