

Product datasheet for **TA346056**

Claudin18 (CLDN18) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CLDN18 antibody: synthetic peptide directed towards the C terminal of human CLDN18. Synthetic peptide located within the following region: PEETNYKAVSYHASGHSVAYKPGGFKASTGFGSNTKNKKIYDGGARTEDE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	28 kDa
Gene Name:	claudin 18
Database Link:	NP_001002026 Entrez Gene 51208 Human P56856
Background:	CLDN18 belongs to the large claudin family of proteins, which form tight junction strands in epithelial cells. CLDN18 belongs to the large claudin family of proteins, which form tight junction strands in epithelial cells (Niimi et al., 2001). [supplied by OMIM]
Synonyms:	SFTA5; SFTPJ
Note:	Immunogen Sequence Homology: Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 92%; Rabbit: 92%; Guinea pig: 92%; Bovine: 85%; Dog: 79%

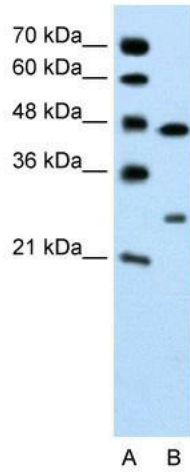


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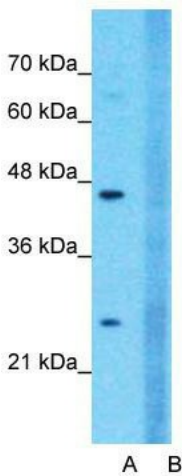
Protein Families: Transmembrane

Protein Pathways: Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Tight junction

Product images:



WB Suggested Anti-CLDN18 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: Jurkat cell lysate



Anti-CLDN18 Western Blot & Peptide Block Validation

Lysate: Jurkat Cell

Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide

Primary Antibody Concentration: 1.0µg/ml
Peptide Concentration: 5.0µg/ml
Lysate Quantity: 25µg/lane
Gel Concentration: 12%

Host: Rabbit; Target Name: CLDN18; Sample Tissue: Jurkat; Lane A: Primary Antibody; Lane B: Primary Antibody + Blocking Peptide; Primary Antibody Concentration: 1 ug/ml; Peptide Concentration: 5 ug/ml; Lysate Quantity: 25 ug/lane/lane; Gel Concentration: 0.12