

Datasheet for ABIN2776807

anti-Claudin 18 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	Claudin 18 (CLDN18)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Claudin 18 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CLDN18
Sequence:	LVTNFWMSTA NMYTGMGGMV QTVQTRYTFG AALFVGWVAG GLTLIGGVMM
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CLDN18. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Claudin 18 (CLDN18)
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Target Details

Alternative Name:	CLDN18 (CLDN18 Products)
Background:	CLDN18 belongs to the large claudin family of proteins, which form tight junction strands in epithelial cells. Alias Symbols: SFTA5, SFTPJ Protein Size: 261
Molecular Weight:	28 kDa
Gene ID:	51208
NCBI Accession:	NM_001002026 , NP_001002026
UniProt:	P56856
Pathways:	Cell-Cell Junction Organization , Hepatitis C

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 261 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-CLDN18 Antibody Titration:
0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: THP-1
cell lysate