

Datasheet for ABIN2778042

anti-Claudin 9 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	Claudin 9 (CLDN9)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Claudin 9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human CLDN9
Sequence:	WAAAALLMLG GLLCCTCPP PQVERPRGPR LGYSIPSRSG ASGLDKRDYV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CLDN9. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	Claudin 9 (CLDN9)
Alternative Name:	CLDN9 (CLDN9 Products)

Target Details

Background:	CLDN9 is a member of claudin family. It is a four-transmembrane protein with WWCC motif, defined by W-X(17-22)-W-X(2)-C-X(8-10)-C. Protein Size: 217
Molecular Weight:	24 kDa
Gene ID:	9080
NCBI Accession:	NM_020982 , NP_066192
UniProt:	O95484
Pathways:	Cell-Cell Junction Organization , Hepatitis C

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 217 AA
Restrictions:	For Research Use only

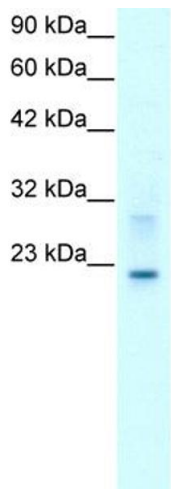
Handling

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.

Publications

Product cited in:	Roberts, Childs, Brown, Davis, Booth: "Early depression of Ankrd2 and Csrp3 mRNAs in the polyribosomal and whole tissue fractions in skeletal muscle with decreased voluntary running."
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in: **Journal of applied physiology (Bethesda, Md. : 1985)**, Vol. 112, Issue 8, pp. 1291-9, (2012) ([PubMed](#)).



Western Blotting

Image 1. WB Suggested Anti-CLDN9 Antibody Titration:
2.0ug/ml Positive Control: HepG2 cell lysate