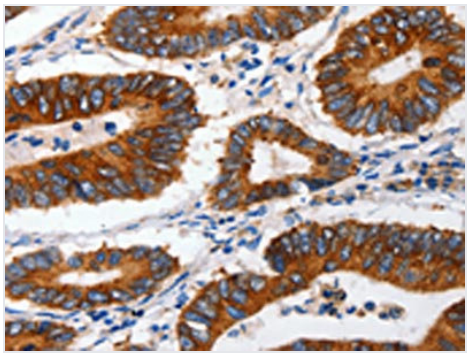
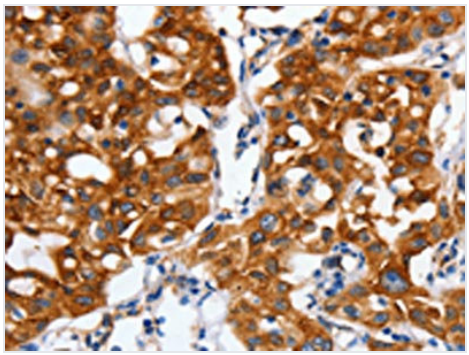
CLDND1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CLDND1, Polyclonal Antibody
Full Product Name	CLDND1 Antibody
Product Gene Name	anti-CLDND1 antibody
Product Synonym Names	claudin domain containing 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN3, and 40% Glycerol
Purity/Purification	Antigen Affinity Purification
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	253
3D Structure	ModBase 3D Structure for Q9NY35
Immunogen	Synthetic peptide of human CLDND1
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-CLDND1 antibody	Neuroscience
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CLDND1 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-CLDND1 antibody	ELISA: 1:2000-1:10000 WB: 1:1000-1:5000 IHC: 1:50-1:200
Related Product Information for anti-CLDND1 antibody	MBS7127228 is an antibody targeting CLDND1. Also known as CLDND1 Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-CLDND1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunohistochemistry (IHC)-Paraffin of anti-CLDND1 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using MBS7127228(CLDND1 Antibody) at dilution 1/60, on the right is treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry (IHC)-Paraffin of anti-CLDND1 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using MBS7127228(CLDND1 Antibody) at dilution 1/60, on the right is treated with synthetic peptide. (Original magnification: ×200)



SDS-Page of anti-CLDND1 antibody
Gel: 12%SDS-PAGE, Lysate: 40 ug, Lane: Human liver cancer tissue, Primary antibody: MBS7127228(CLDND1 Antibody) at dilution 1/1450, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 40 seconds

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CLDND1. It may not necessarily be applicable to this product.

NCBI GI #	20532022
NCBI GeneID	56650
NCBI Accession #	Q9NY35.1
UniProt Primary Accession #	Q9NY35
UniProt Secondary Accession #	Q502Y8; Q6UVX2; Q9BUZ9; Q9NZZ5; Q9Y4S9; B3KQR1; D3DN36; F2Z2D9
UniProt Related Accession #	Q9NY35
NCBI Official Full Name	Claudin domain-containing protein 1
NCBI Official Synonym Full Names	claudin domain containing 1
NCBI Official Symbol	CLDND1
NCBI Official Synonym Symbols	C3orf4; GENX-3745
UniProt Protein Name	Claudin domain-containing protein 1
UniProt Synonym Protein Names	Membrane protein GENX-3745
Protein Family	Claudin domain-containing protein
UniProt Gene Name	CLDND1

UniProt Synonym Gene Names	C3orf4
UniProt Entry Name	CLDN1_HUMAN
NCBI Protein Information	claudin domain-containing protein 1; membrane protein GENX-3745; claudin domain containing 1 protein
UniProt Comments for CLDND1	CLDND1: Belongs to the PMP-22/EMP/MP20 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral; Membrane protein, multi-pass Chromosomal Location of Human Ortholog: 3q12.1 Cellular Component: cell surface; apical plasma membrane; integral to membrane
Research Articles on CLDND1	**1.** A cDNA library consisting of 220 upregulated genes in tumour tissue was established and named as LSCC. Differential expression was confirmed in five of these genes, including IGFBP5, SQLE, RAP2B, CLDN1, and TBL1XR1.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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