

Rabbit anti-Human Phospho-CLDN2 (Y224) Polyclonal Antibody | anti-CLDN2 antibody

Phospho-CLDN2 (Y224) Antibody

CATALOG # AAA286155	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Dot Blot
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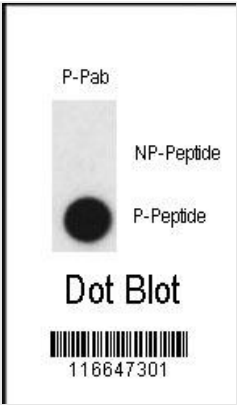
PRODUCT SYNONYMS

Phospho-CLDN2 (Y224); Polyclonal Antibody; Phospho-CLDN2 (Y224) Antibody; Claudin-2; SP82; CLDN2; anti-CLDN2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CLDN2 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y224 of human CLDN2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	230
Applicable Applications for anti-CLDN2 antibody	ELISA, DB (Dot Blot)
Calculated MW	24549
Function	Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium- independent cell-adhesion activity.
Cellular Location	Cell junction, tight junction. Cell membrane; Multi-pass membrane protein
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



DB (Dot Blot)
Dot blot analysis of anti-Phospho-CLDN2-pY224 Antibody on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5ug per ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN2 antibody	Members of the claudin protein family, such as CLDN2, are expressed in an organ-specific manner and regulate the tissue-specific physiologic properties of tight junctions.
Product Categories/Family for anti-CLDN2 antibody	Signal Transduction ; Phospho Antibodies
References	Morita,K., Proc. Natl. Acad. Sci. U.S.A. 96 (2), 511-516 (1999) Furuse,M., J. Cell Biol. 141 (7), 1539-1550 (1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	283806628
NCBI GeneID	9075
NCBI Accession #	NP_001164563.1 ; NP_001164566.1 ; NP_065117.1
NCBI GenBank Nucleotide #	NM_001171092.1
UniProt Accession #	P57739 ; B2R6B9
NCBI Official Full Name	claudin-2
NCBI Official Synonym Full Names	claudin 2
NCBI Official Symbol	CLDN2
NCBI Protein Information	claudin-2
UniProt Protein Name	Claudin-2
UniProt Gene Name	CLDN2
UniProt Entry Name	CLD2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.