

Rabbit anti-Human CLDN15 Polyclonal Antibody | anti-CLDN15 antibody

CLDN15 Antibody (Center)

CATALOG # AAA287421	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

CLDN15; Polyclonal Antibody; CLDN15 Antibody (Center); Claudin-15; anti-CLDN15 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CLDN15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 128-157 amino acids from the Central region of human CLDN15.
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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	128-157
Sequence Length	228
Applicable Applications for anti-CLDN15 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

CLDN15 Antibody (Center) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

Western blot analysis of CLDN15 Antibody (Center) in K562 cell line lysates (35ug/lane). CLDN15 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN15 antibody	Plays a major role in tight junction specific obliteration of the intercellular space, through calcium independent cell adhesion activity
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Product Categories/Family for anti-CLDN15 antibody	Signal Transduction
References	Van Itallie, C.M., et al. Am. J. Physiol. Renal Physiol. 285 (6), F1078-F1084 (2003) Gonzalez-Mariscal, L., et al. Prog. Biophys. Mol. Biol. 81(1):1-44(2003) Tsukita, S., et al. Curr. Opin. Cell Biol. 14(5):531-536(2002) Colegio, O.R., et al. Am. J. Physiol., Cell Physiol. 283 (1), C142-C147 (2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	297515455
NCBI GeneID	24146
NCBI Accession #	NP_001172009.1 ; NP_055158.1
NCBI GenBank Nucleotide #	NM_001185080.1
UniProt Accession #	P56746 ; B3KPB5
Molecular Weight	24356
NCBI Official Full Name	claudin-15
NCBI Official Synonym Full Names	claudin 15
NCBI Official Symbol	CLDN15
NCBI Protein Information	claudin-15
UniProt Protein Name	Claudin-15
UniProt Gene Name	CLDN15
UniProt Entry Name	CLD15_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cldn15-antibody-flow-cytometry-western-blot-elisa/287421>