Rabbit Claudin 6 Polyclonal Antibody | anti-CLDN6 antibody

Phospho-Claudin 6 (Tyr219) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329374	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunohistochemistry**

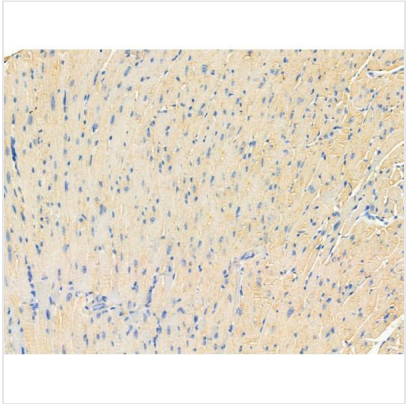
PRODUCT SYNONYMS

Claudin 6; Polyclonal Antibody; Phospho-Claudin 6 (Tyr219) Antibody; Claudin-6; Claudin6; CLD6_HUMAN; CLDN 6; CLDN6; OTTHUMP00000159248; Skullin 2; Skullin; UNQ757/PRO1488; anti-CLDN6 antibody

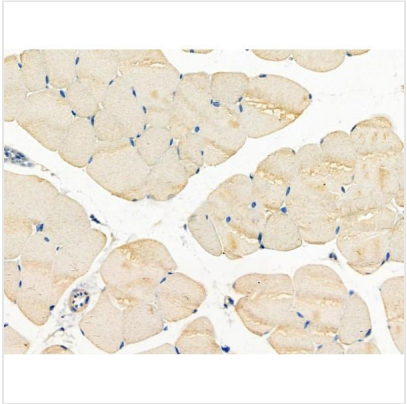
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Phospho-Claudin 6 (Tyr219) Antibody detects endogenous levels of Claudin 6 only when phosphorylated at Tyr219. Tissue Specificity: Expressed in the liver, in peripheral blood mononuclear cells and hepatocarcinoma cell lines.
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CLDN6 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry)
Immunogen	A synthesized peptide derived from human Claudin 6 around the phosphorylation site of Tyr219.
Conjugation	Unconjugated
Fragment	Fab fragment
Subunit Structure	Directly interacts with TJP1/ZO-1, TJP2/ZO-2 and TJP3/ZO-3 (By similarity). Interacts with CLDN1, CD81 and OCLN.
Similarity	Belongs to the claudin family.
Subcellular Location	Cell junction>Tight junction. Cell membrane>Multi-pass membrane protein.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
Staining Mouse heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
At 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN6 antibody	Plays a major role in tight junction-specific obliteration of the intercellular space. (Microbial infection) Acts as a receptor for hepatitis C virus (HCV) entry into hepatic cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	153792768
NCBI GeneID	9074
NCBI Accession #	NP_067018.2
NCBI GenBank Nucleotide #	NM_021195.4
UniProt Accession #	P56747; B3KQP9; D3DUA5
Molecular Weight	23,292 Da
NCBI Official Full Name	claudin-6
NCBI Official Synonym Full Names	claudin 6
NCBI Official Symbol	CLDN6
NCBI Protein Information	claudin-6; skullin
UniProt Protein Name	Claudin-6
UniProt Gene Name	**CLDN6**
UniProt Entry Name	CLD6_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/polyclonal/claudin-6-antibody-peptide-elisa-immunohistochemistry-elisa/329374