

Rabbit Claudin 5 Polyclonal Antibody | anti-CLDN5 antibody

Claudin 5 Antibody

CATALOG # AAA29710	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

Claudin 5; Polyclonal Antibody; Claudin 5 Antibody; androgen withdrawal and apoptosis induced protein RVP1-like; AWAL; BEC1; claudin 5; Claudin-5; CLD5; CLDN5; CPETRL1; TMDVCF; TMVCF; Transmembrane protein deleted in VCFS; transmembrane protein deleted in velocardiofacial syndrome; anti-CLDN5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Claudin 5 antibody detects endogenous levels of total Claudin 5
Purity/Purification	Affinity-chromatography
Form/Format	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	303
Applicable Applications for anti-CLDN5 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: 1:500~1:3000 IHC: 1:50-1:200
Immunogen Type	Peptide
Immunogen Description	A synthesized peptide derived from human Claudin 5
Target Name	Claudin 5
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

1/100 staining Rat ovary 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°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

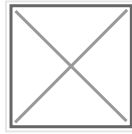
1/100 staining Rat colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary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

**IHC (Immunohistochemistry)**

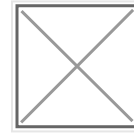
1/100 staining Mouse stomach tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary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

**IHC (Immunohistochemistry)**

1/100 staining Human mammary cancer 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°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

**IHC (Immunohistochemistry)**

1/100 staining Human lung cancer 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°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

**WB (Western Blot)**

Western blot analysis on A549 cell lysate using Claudin 5 Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN5 antibody	claudin 5 Plays a major role in tight junction-specific obliteration of the intercellular space. Belongs to the claudin family. Directly interacts with TJP1/ZO-1, TJP2/ZO-2 and TJP3/ZO- 3. Interacts with MPDZ.
Product Categories/Family for anti-CLDN5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	195947374
NCBI GeneID	7122
NCBI Accession #	NP_001124333.1
NCBI GenBank Nucleotide #	NM_001130861.1
UniProt Accession #	O00501; Q53XW2; Q8WUW3; B3KS11
Molecular Weight	SDS-PAGE MW: 23KD
NCBI Official Full Name	claudin-5
NCBI Official Synonym Full Names	claudin 5
NCBI Official Symbol	CLDN5
NCBI Official Synonym Symbols	AWAL; BEC1; TMVCF; CPETRL1
NCBI Protein Information	claudin-5
UniProt Protein Name	Claudin-5
UniProt Gene Name	CLDN5
UniProt Synonym Gene Names	AWAL; TMVCF; TMDVCF
UniProt Entry Name	CLD5_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.