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Product datasheet for TA321794
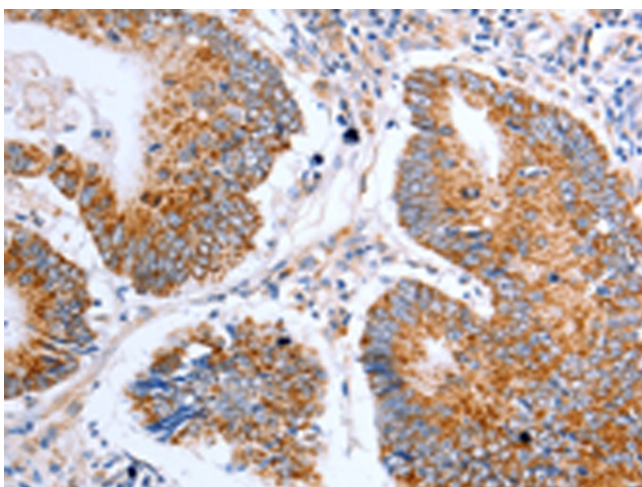
Claudin 10 (CLDN10) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human colon cancer Predicted cell location: Cytoplasm, Cell membrane
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 215-228 amino acids of Human claudin 10
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	claudin 10
Database Link:	NP_878268 Entrez Gene 9071 Human P78369

View online »

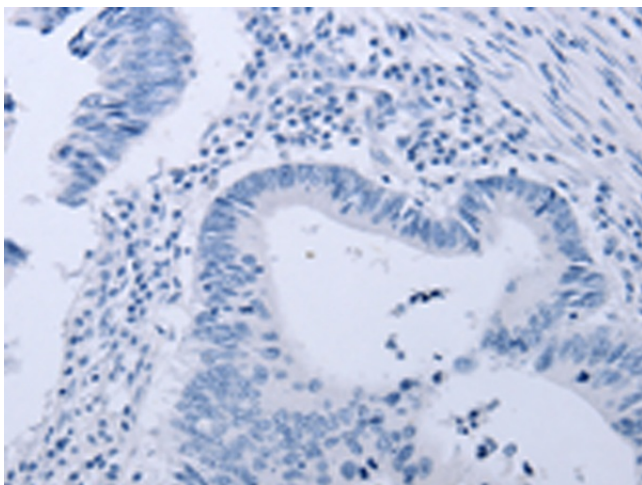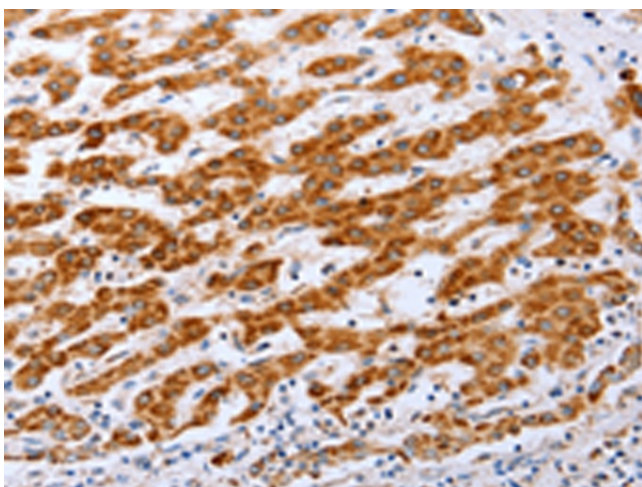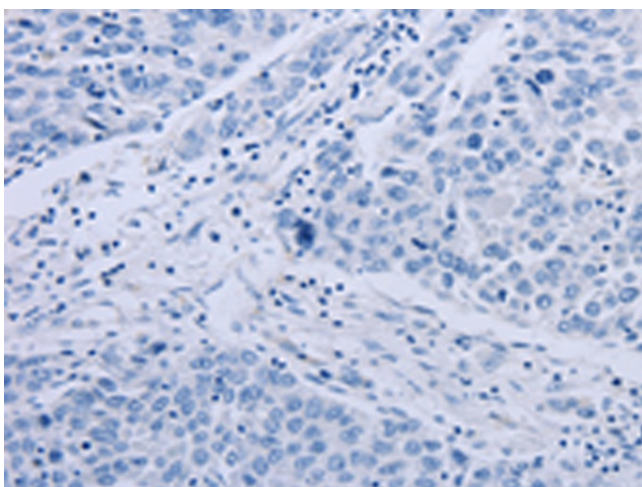|	
Background:	This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets; and also play critical roles in maintaining cell polarity and signal transductions. The expression level of this gene is associated with recurrence of primary hepatocellular carcinoma. Six alternatively spliced transcript variants encoding different isoforms have been reported; but the transcript sequences of some variants are not determined.
Synonyms:	CPETRL3; OSP-L
Protein Families:	Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Tight junction

Product images:

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA321794 (CLDN10 Antibody) at dilution 1/50 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA321794 (CLDN10 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA321794 (CLDN10 Antibody) at dilution 1/50 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA321794 (CLDN10 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)