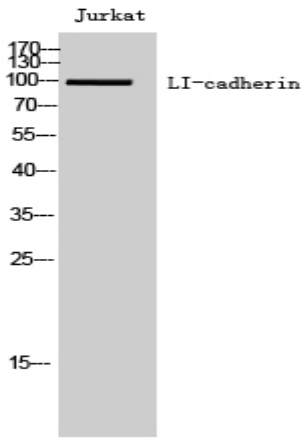
Best Tools for immunology Research

LI-cadherin Polyclonal Antibody

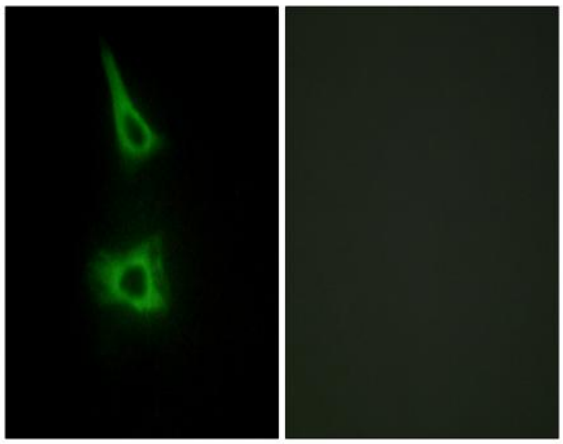
Catalog No :	YT2560
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	LI-cadherin
Fields :	>>Gastric cancer
Gene Name :	CDH17
Protein Name :	Cadherin-17
Human Gene Id :	1015
Human Swiss Prot No :	Q12864
Mouse Swiss Prot No :	Q9R100
Immunogen :	The antiserum was produced against synthesized peptide derived from human CDH17. AA range:341-390
Specificity :	LI-cadherin Polyclonal Antibody detects endogenous levels of LI-cadherin protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	99kD
Cell Pathway :	Adherens_Junction
Background :	This gene is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. The encoded protein is cadherin-like, consisting of an extracellular region, containing 7 cadherin domains, and a transmembrane region but lacking the conserved cytoplasmic domain. The protein is a component of the gastrointestinal tract and pancreatic ducts, acting as an intestinal proton-dependent peptide transporter in the first step in oral absorption of many medically important peptide-based drugs. The protein may also play a role in the morphological organization of liver and intestine. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2009],
Function :	function:Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. LI-cadherin may have a role in the morphological organization of liver and intestine. Involved in intestinal peptide transport.,similarity:Contains 7 cadherin domains.,tissue specificity:Expressed in the gastrointestinal tract and pancreatic duct. Not detected in kidney, lung, liver, brain, adrenal gland and skin.,
Subcellular Location :	Cell membrane ; Single-pass type I membrane protein .
Expression :	Expressed in the gastrointestinal tract and pancreatic duct. Not detected in kidney, lung, liver, brain, adrenal gland and skin.
Sort :	9181
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

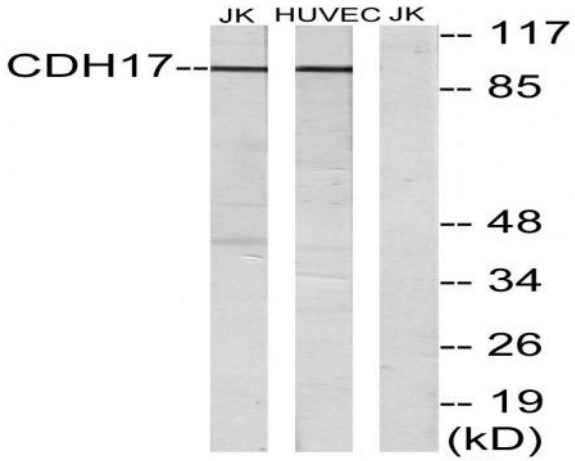
Products Images



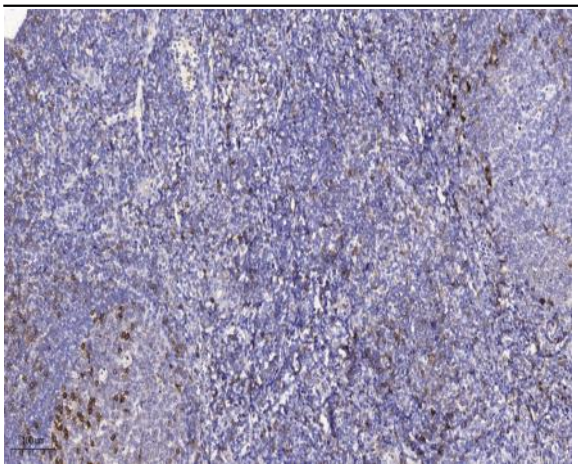
Western Blot analysis of Jurkat cells using LI-cadherin Polyclonal Antibody



Immunofluorescence analysis of HeLa cells, using CDH17 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat and HUVEC cells, using CDH17 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).