ARG67064
anti-Cadherin 17 antibody [SQab30334]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab30334] recognizes Cadherin 17
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SQab30334
Isotype	IgG
Target Name	Cadherin 17
Species	Human
Immunogen	Recombinant protein fragment of Cadherin 17
Conjugation	Un-conjugated
Alternate Names	CDH17; Cadherin 17; HPT-1; Intestinal Peptide-Associated Transporter HPT-1; Cadherin 17; LI Cadherin (Liver-Intestine); Liver-Intestine Cadherin; Cadherin-17; Cadherin; Human Intestinal Peptide-Associated Transporter HPT-1; Human Peptide Transporter 1; HPT-1 Cadherin; LI Cadherin; Cadherin-16; LI-Cadherin; CDH16; HPT1

Application Instructions

Application table

Application	Dilution
IHC-P	1:100-1:200

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

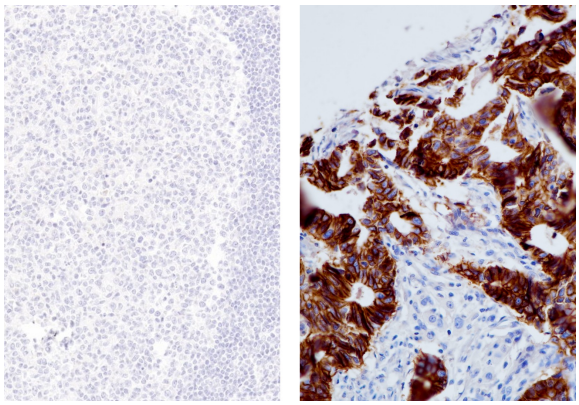
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

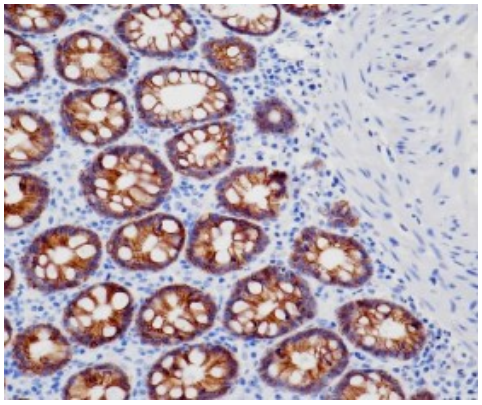
Gene Symbol	CDH17
Gene Full Name	cadherin 17
Background	This gene is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. The encoded protein is cadherin-like, consisting of an extracellular region, containing 7 cadherin domains, and a transmembrane 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	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. [UniProt]
Calculated Mw	92 kDa
PTM	Glycoprotein. [UniProt]
Cellular Localization	Cell membrane, Membrane. [UniProt]

Images



ARG67064 anti-Cadherin 17 antibody [SQab30334] IHC-P image

Immunohistochemistry: Human Tonsil (left) as negative control and Colon cancer (right) as positive control stained with ARG67064 anti-Cadherin 17 antibody [SQab30334] at 1:100 dilution.



ARG67064 anti-Cadherin 17 antibody [SQab30334] IHC-P image

Immunohistochemistry: Human colon tissue stained with ARG67064 anti-Cadherin 17 antibody [SQab30334] at 1:100 dilution.