



## Rabbit Anti-PCLKC antibody

SL13729R

<b>Product Name:</b>	PCLKC
<b>Chinese Name:</b>	钙粘蛋白LKC抗体
<b>Alias:</b>	FLJ20124; FLJ20383; MGC163154; PC LKC; PC-LKC; Protocadherin LKC; CDHR2_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Pig,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	139kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human PCLKC:151-250/1310<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	PCLKC (Protocadherin LKC) belongs to the protocadherin gene family, a subgroup of the cadherin superfamily. It is predominantly expressed in liver, kidney and colon tissues, and has a role in contact inhibition at the lateral surface of epithelial cells. It is a candidate tumor suppressor.

**Function:**

Role in contact inhibition at the lateral surface of epithelial cells.

**Subunit:**

Interacts with MAST2.

**Subcellular Location:**

Apical cell membrane; Single-pass type I membrane protein. Cell junction.

Note=Present at the cell junctions and the apical surface of cells. Colocalizes with actin at the microvilli-like structures which protrude from the apical surface.

**Tissue Specificity:**

Highly expressed in liver, kidney and colon. Moderately expressed in small intestine. Down-regulated in a number of liver and colon cancers.

**Similarity:**

Contains 9 cadherin domains.

**SWISS:**

Q9BYE9

**Gene ID:**

54825

**Database links:**

[Entrez Gene: 54825](#) Human

[SwissProt: Q9BYE9](#) Human

[Unigene: 4205](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.