



Rabbit Anti-LRP2BP antibody

SL18363R

Product Name:	LRP2BP
Chinese Name:	低密度Lipoprotein相关蛋白2Binding protein抗体
Alias:	DKFZp761O0113; FLJ44965; KIAA1325; LR2BP_HUMAN; LRP2 binding protein; LRP2-binding protein; Lrp2bp; Megalin binding protein; Megalin-binding protein; MegBP.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	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.
Molecular weight:	40kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human LRP2BP:101-200/347
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	· LRP2BP is a 347 amino acid protein that contains one TPR repeat and six Sell1-like repeats. Localized to the plasma membrane and throughout the cytoplasm, LRP2BP interacts with megalin (also known as LRP2) and, via this interaction, is thought to regulate megalin function. Specifically, LRP2BP acts as a scaffold protein that, through its TPR motifs, assists in the sequestration and/or the release of transcription factors that

influence megalin's affects on endocytosis and hormone release. LRP2BP is expressed in colon, testis, small intestine and blood leukocytes, as well as in pancreatic adenocarcinoma cells, suggesting a possible role for LRP2BP in carcinogenesis. Two isoforms of LRP2BP exist due to alternative splicing events.

Function:

May act as an adapter that regulates LRP2 function.

Subcellular Location:

Cytoplasm. Detected in a vesicular staining pattern close to the plasma membrane and throughout the cytoplasm.

Similarity:

Contains 6 Sell-like repeats.

Contains 1 TPR repeat.

SWISS:

Q9P2M1

Gene ID:

55805

Database links:

[Entrez Gene: 55805](#) Human

[Entrez Gene: 67620](#) Mouse

[Entrez Gene: 290753](#) Rat

[Entrez Gene: 100073340](#) Zebrafish

[SwissProt: Q9P2M1](#) Human

[SwissProt: Q9D4C6](#) Mouse

[SwissProt: Q569C2](#) Rat

[SwissProt: A5PLI4](#) Zebrafish

[Unigene: 558513](#) Human

[Unigene: 383914](#) Mouse

[Unigene: 108662](#) Rat

[Unigene: 94415](#) Zebrafish

	<p>Important Note:</p>
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