



Rabbit Anti-LRP15 antibody

SL9509R

Product Name:	LRP15
Chinese Name:	富含亮氨酸重复序列LRP15抗体
Alias:	LRP 15; LRP-15; Leucine rich repeat containing 3B; Leucine-rich repeat protein LRP15; Leucine-rich repeat-containing protein 3B; LRC3B_HUMAN; LRRC3B; MGC102927.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	25kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human LRP15:181-259/259
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:	Leucine-rich repeats (LRRs) are 20-29 amino acid motifs that mediate protein-protein interactions. The primary function of these motifs is to provide a versatile structural framework for the formation of these protein-protein interactions. LRRs are present in a variety of proteins with diverse structure and function, including innate immunity and nervous system development. Several human diseases are associated with mutation in

the genes encoding LRR-containing proteins. The leucine-rich repeat-containing protein 3B (LRRC3B), also designated LRP15, is a 259 amino acid protein that contains 3 LRR repeats. The gene encoding LRRC3B is a tumor suppressor gene that is regulated by DNA methylation. Decreased expression of LRRC3B has been shown in colorectal cancer and gastric cancer, making LRRC3B a candidate marker for those cancers.

Subcellular Location:

Membrane; Single-pass membrane protein (Potential).

Similarity:

Belongs to the LRRC3 family.

Contains 3 LRR (leucine-rich) repeats.

Contains 1 LRRCT domain.

Contains 1 LRRNT domain.

SWISS:

Q96PB8

Gene ID:

116135

Database links:

[Entrez Gene: 116135](#)Human

[Entrez Gene: 218763](#)Mouse

[SwissProt: Q96PB8](#)Human

[SwissProt: Q8VCH9](#)Mouse

[Unigene: 517868](#)Human

[Unigene: 138039](#)Mouse

Important Note:

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