



Rabbit Anti-LRRC10 antibody

SL11664R

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| Product Name: | LRRC10 |
| Chinese Name: | 富含亮氨酸重复蛋白10抗体 |
| Alias: | HRLRRP; leucine-rich repeat-containing protein 10; Leucine-rich repeat-containing protein 10 Gene names; Leucine-rich repeat-containing protein 10 Gene names; LRRC10A; LRC10_HUMAN. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat,Pig,Cow,Rabbit,Sheep, |
| Applications: | ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 32kDa |
| Cellular localization: | The nucleus |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human LRRC10:101-200/277 |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4 |
| 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: | The leucine-rich (LRR) repeat is a 20-30 amino acid motif that forms a hydrophobic Alpha/Beta horseshoe fold, allowing it to accommodate several leucine residues within a tightly packed core. All LRR repeats contain a variable segment and a highly conserved segment, the latter of which accounts for 11 or 12 residues of the entire LRR motif. The primary function of these motifs is to provide a versatile structural framework to mediate the formation of protein-protein interactions. LRRs are present in |

a variety of proteins with diverse structure and function, including innate immunity and nervous system development. LRRC10 (leucine-rich repeat-containing protein 10), also known as HRLRRP or LRRC10A, is a 277 amino acid protein that contains eight LRR repeats. Localized to the nucleus, LRRC10 may play an important role in cardiac development and/or cardiac function. The gene that encodes LRRC10 maps to human chromosome 12q15 and murine chromosome 10 D2.

Function:

May play important roles in cardiac development and/or cardiac function (By similarity).

Subcellular Location:

Nucleus

Similarity:

Contains 7 LRR (leucine-rich) repeats.

SWISS:

Q5BKY1

Gene ID:

376132

Database links:

[Entrez Gene: 376132](#)Human

[Entrez Gene: 237560](#)Mouse

[Omim: 610846](#)Human

[SwissProt: Q5BKY1](#)Human

[SwissProt: Q3UQT4](#)Mouse

Important Note:

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