

bs-11664R**[Primary Antibody]****LRRC10 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow)
GeneID: 376132	SWISS: Q5BK Y1	Predicted MW.: 32 kDa
Target: LRRC10		Subcellular Location: Nucleus
Immunogen: KLH conjugated synthetic peptide derived from human LRRC10: 101-200/277.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: 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.		