

bs-18234R**[Primary Antibody]****LEPROTL1 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Zebrafish, Dog, GuineaPig, Horse) Predicted MW.: 14 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 23484	SWISS: O95214	
Target: LEPROTL1		
Immunogen: KLH conjugated synthetic peptide derived from human LEPROTL1: 81-131/131.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Mutation of Ob (Obesity factor), also known as leptin precursor, results in profound obesity and type II diabetes as part of a syndrome that resembles morbid obesity in humans. The Ob gene product may function as a component of a signaling pathway in adipose tissue that functions to regulate body fat depot size. The leptin receptor, designated Ob-R, has been shown to be a single membrane-spanning receptor that most resembles the gp130 signal transducing component of the IL-6, G-CSF and LIF receptor. LEPROTL1 (Leptin receptor overlapping transcript-like 1) is a 131 amino acid multi-pass membrane protein that is highly homologous to the leptin receptor gene-related protein, Ob-R. LEPROTL1 is widely expressed and contains a JAK binding site. The LEPROTL1 gene is located on chromosome 8, which is made up of nearly 146 million bases and encodes about 800 genes.		