

bs-18186R**[Primary Antibody]****LCE6A 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) ELISA (1:5000-10000) Reactivity: (predicted: Human) Predicted MW.: 9 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 448835	SWISS: A0A183	
Target: LCE6A		
Immunogen: KLH conjugated synthetic peptide derived from human LCE6A: 21-80/80.		
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: LCE6A is an 80 amino acid protein belonging to the LCE family. The LCE gene cluster within the epidermal differentiation complex on human chromosome 1 and mouse chromosome 3 contains multiple conserved genes encoding stratum-corneum proteins. Within the LCE cluster, genes form “groups” based on chromosomal position and protein homology. LCE6A is a precursor of the cornified envelope of the stratum corneum and belongs to the LCE cluster present on human chromosome 1q21. Chromosome 1 is the largest human chromosome spanning about 260 million base pairs and making up 8% of the human genome. There are about 3,000 genes on chromosome 1, and considering the great number of genes there are also a large number of diseases associated with chromosome 1, including Stickler syndrome, Parkinsons and Gaucher disease.		