SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-LCE1A/AF647 Conjugated antibody

Catalog Number: SL9708R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-LCE1A/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human LCE1A
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human)
Background:	background: LCE1A belongs to the late cornified envelope (LCE) genecluster within the epidermal differentiation complex (EDC) onchromosome 1. The LCE cluster contains multiple conserved genesthat encode stratum corneum proteins, and these genes are expressedrelatively late during fetal assembly of the skin cornifiedenvelope (Jackson et al., 2005 [PubMed 15854049]). For furtherinformation on the LCE gene cluster, see GENE FAMILYbelow.[supplied by OMIM, Feb 2009]. **Function:** Precursors of the cornified envelope of the stratum corneum. **Tissue Specificity:** Skin-specific. Expression was readily detected in adult trunk skin, adult arm skin, fetal skin, penal skin, vulva, esophagus and tongue. Not expressed in the cervix, rectum, lung, colon, or placenta. **Similarity:** Belongs to the LCE family. **Database links:** **Entrez Gene:** 353131 Human Omim: 612603 Human

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

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	SwissProt: Q5T7P2 Human Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.