

Rabbit anti-Human LCE1A Polyclonal Antibody | anti-LCE1A antibody

LCE1A Antibody (C-term)

CATALOG # AAA284205	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

LCE1A; Polyclonal Antibody; LCE1A Antibody (C-term); Late cornified envelope protein 1A; Late envelope protein 1; LEP1; anti-LCE1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LCE1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 54-83 amino acids from the C-terminal region of human LCE1A.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.48 (varies by lot)
Sequence Positions	54-83
Sequence Length	110
Applicable Applications for anti-LCE1A antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

LCE1A antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skin carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the LCE1A antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

LCE1A Antibody (C-term) western blot analysis in T47D cell line lysates (35ug/lane). This demonstrates the LCE1A antibody detected the LCE1A protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-LCE1A antibody	LCE1A belongs to the late cornified envelope (LCE) gene cluster within the epidermal differentiation complex (EDC) on chromosome 1. The LCE cluster contains multiple conserved genes that encode stratum corneum proteins, and these genes are expressed relatively late during fetal assembly of the skin cornified envelope (Jackson et al., 2005 [PubMed 15854049]). For further information on the LCE gene cluster, see GENE FAMILY below.
Product Categories/Family for anti-LCE1A antibody	Cell Biology
References	Jackson, B., et al. J. Invest. Dermatol. 124(5):1062-1070(2005) Marshall, D., et al. Proc. Natl. Acad. Sci. U.S.A. 98(23):13031-13036(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	30387654
NCBI GeneID	353131
NCBI Accession #	NP_848125.1
NCBI GenBank Nucleotide #	NM_178348.2
UniProt Accession #	Q5T7P2
Molecular Weight	10982
NCBI Official Full Name	late cornified envelope protein 1A
NCBI Official Synonym Full Names	late cornified envelope 1A
NCBI Official Symbol	LCE1A
NCBI Official Synonym Symbols	LEP1
NCBI Protein Information	late cornified envelope protein 1A
UniProt Protein Name	Late cornified envelope protein 1A
UniProt Gene Name	LCE1A
UniProt Synonym Gene Names	LEP1
UniProt Entry Name	LCE1A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.