OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AP52451PU-N

LCE1A (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	**Immunohistochemistry on Paraffin sections**: 1/50-1/100. **Western blot**: 1/100-1/500. Enzyme immunoassay: 1/1000.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the C-terminal region (between 57-87aa) of human LCE1A.
Specificity:	This antibody recognizes LCE1A at C-term.
Formulation:	PBS with 0.09% (W/V) Sodium azide State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Purified through a Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	late cornified envelope 1A
Database Link:	Entrez Gene 353131 Human Q5T7P2
Background:	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]*.

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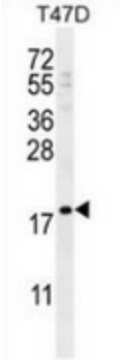
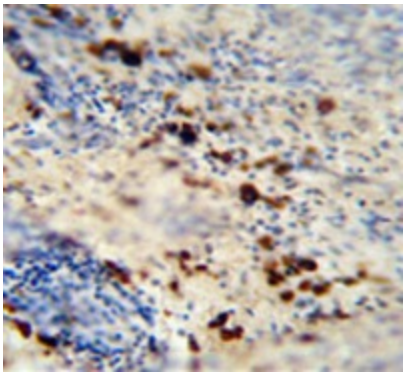
Synonyms: Late cornified envelope protein 1A,LEP1

Note: **Molecular Weight:** 10982 Da

Product images:



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



Immunohistochemistry analysis in human skin carcinoma (Formalin-fixed, Paraffin-embedded) using LCE1A antibody. (C-term), followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the LCE1A antibody for IhC; Clinical relevance has not been evaluated.