

LCE1A Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP10891b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q5T7P2
Other Accession	NP_848125.1
Reactivity	Human
Predicted	Mouse, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28426
Calculated MW	10982
Antigen Region	54-83

Additional Information

Gene ID	353131
Other Names	Late cornified envelope protein 1A, Late envelope protein 1, LCE1A, LEP1
Target/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.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	LCE1A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LCE1A
Synonyms	LEP1
Function	Precursors of the cornified envelope of the stratum corneum.

Tissue Location

Skin-specific. Expression was readily detected in adult trunk skin, adult arm skin, fetal skin, penial skin, vulva, esophagus and tongue. Not expressed in the cervix, rectum, lung, colon, or placenta.

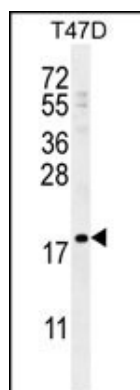
Background

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]). For further information on the LCE gene cluster, see GENE FAMILY below.

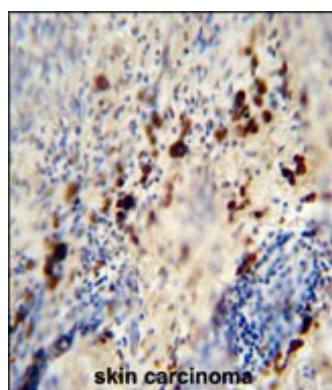
References

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)

Images



LCE1A Antibody (C-term) (Cat. #AP10891b) western blot analysis in T47D cell line lysates (35ug/lane). This demonstrates the LCE1A antibody detected the LCE1A protein (arrow).



LCE1A antibody (C-term) (Cat. #AP10891b) 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.