

For Research Use Only

Loricrin Polyclonal antibody

Catalog Number: 55439-1-AP **20 Publications**



Basic Information

Catalog Number: 55439-1-AP	GenBank Accession Number: NM_000427	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop;	GeneID (NCBI): 4014	Recommended Dilutions: WB 1:500-1:3000 IHC 1:200-1:800 IF 1:10-1:100
Source: Rabbit	UNIPROT ID: P23490	
Isotype: IgG	Full Name: loricrin	
	Calculated MW: 26 kDa	
	Observed MW: 26 kDa	

Applications

Tested Applications: WB, IF, IHC, ELISA	Positive Controls: WB : A431 cells, IHC : rat skin tissue, IF : A431 cells,
Cited Applications: WB, IF, IHC	
Species Specificity: human, mouse	
Cited Species: human, rat, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Loricrin, also named LOR and LRN, is a major component of the cornified cell envelope (CE) expressed late in epidermal differentiation in the granular layers of normal skin. This antibody is specific to Loricrin.

Notable Publications

Author	Pubmed ID	Journal	Application
Yushi Katsuyama	36047208	Biol Pharm Bull	WB
Miao Yu	36293320	Int J Mol Sci	IF
Jie Zhang	34646892	Burns Trauma	WB,IHC

Storage

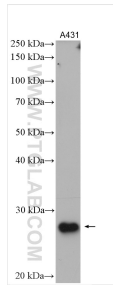
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

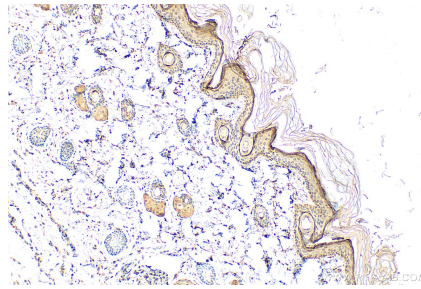
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

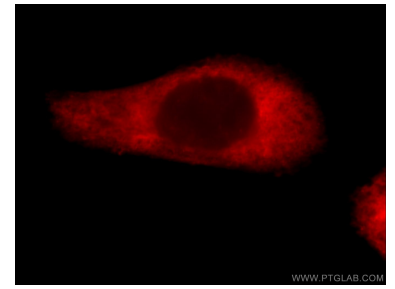
Selected Validation Data



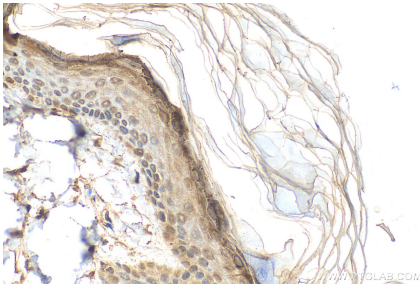
A431 cells were subjected to SDS PAGE followed by western blot with 55439-1-AP (Loricrin antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat skin tissue slide using 55439-1-AP (Loricrin antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of A431 cells using 55439-1-AP (Loricrin antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



Immunohistochemical analysis of paraffin-embedded rat skin tissue slide using 55439-1-AP (Loricrin antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).