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Anti-Involucrin Antibody

Catalog # AP51294

Product Information

Application	WB, IHC, IF/IC
Primary Accession	P07476
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68479

Additional Information

Gene ID	3713
Other Names	Involucrin
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Involucrin. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

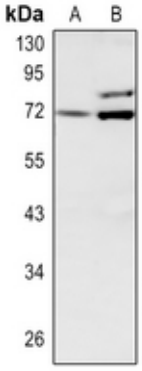
Protein Information

Name	IVL
Function	Part of the insoluble cornified cell envelope (CE) of stratified squamous epithelia.
Cellular Location	Cytoplasm. Note=Constituent of the scaffolding of the cornified envelope
Tissue Location	Keratinocytes of epidermis and other stratified squamous epithelia

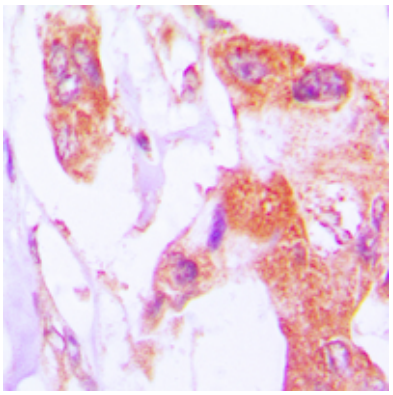
References

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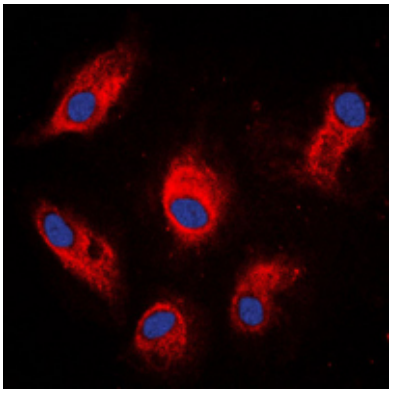
Images



Western blot analysis of Involucrin expression in HEK293T (A), H1792 (B) whole cell lysates. (Predicted band size: 68 kD; Observed band size: 68 kD)



Immunohistochemical analysis of Involucrin staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of Involucrin staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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