



Involucrin Polyclonal Antibody

Catalog No	YP-Ab-03141
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	IVL
Immunogen	The antiserum was produced against synthesized peptide derived from human Involucrin. AA range:536-585
Specificity	Involucrin Polyclonal Antibody detects endogenous levels of Involucrin protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	involucrin;IVL
Observed Band	68kD
Calculated Molecular Weight	68kD
Cell Pathway	Cytoplasm. Constituent of the scaffolding of the cornified envelope.
Tissue Specificity	Keratinocytes of epidermis and other stratified squamous epithelia.
Function	function:Part of the insoluble cornified cell envelope (CE) of stratified squamous epithelia.,PTM:Substrate of transglutaminase. Some glutamines and lysines are cross-linked to other involucrin molecules, to other proteins such as keratin, desmoplakin, periplakin and envoplakin, and to lipids like omega-hydroxyceramide.,similarity:Belongs to the involucrin family.,subcellular location:Constituent of the scaffolding of the cornified envelope.,subunit:Directly or indirectly cross-linked to cornifelin (CNFN).,tissue specificity:Keratinocytes of epidermis and other stratified squamous epithelia.,
Background	involucrin(IVL) Homo sapiens Involucrin, a component of the keratinocyte crosslinked envelope, is found in the cytoplasm and crosslinked to membrane proteins by transglutaminase. This gene is mapped to 1q21, among calpactin I



light chain, trichohyalin, profillaggrin, loricrin, and calcyclin. [provided by RefSeq, Jul 2008],

matters needing attention

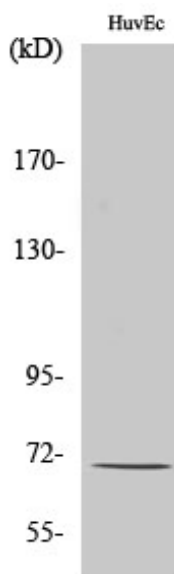
Avoid repeated freezing and thawing!

Usage suggestions

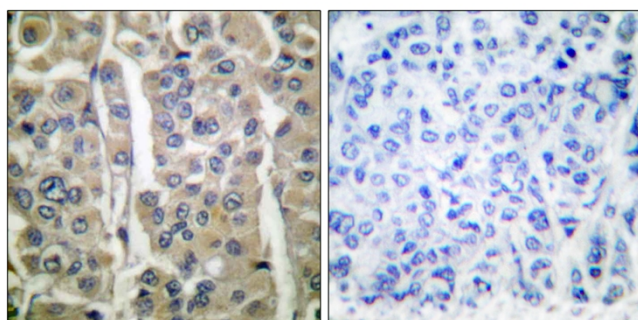
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



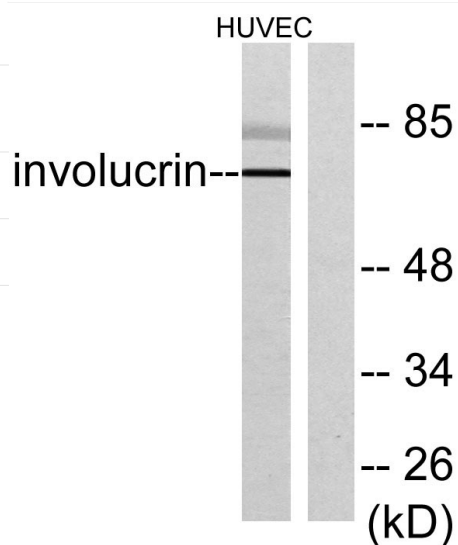
Products Images



Western Blot analysis of various cells using Involucrin Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Involucrin Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC cells, using Involucrin Antibody. The lane on the right is blocked with the synthesized peptide.