

Datasheet for ABIN6142620
anti-Involucrin antibody (AA 416-585)



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1 Image

Overview

Quantity:	100 µL
Target:	Involucrin (IVL)
Binding Specificity:	AA 416-585
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Involucrin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 416-585 of human IVL (NP_005538.2).
Sequence:	QERQVEHLEQ QVGQLKHLEE QEGQLKHLEQ QQGQLEVPEQ QVGQPKNLEQ EEKQLELPEQ QEGQVKHLEK QEAQLELPEQ QVGQPKHLEQ QEKHLEHPEQ QDGQLKHLEQ QEGQLKDLEQ QKGQLEQPVF APAPGQVQDI QPALPTKGEV LLPVEHQQQK QEVQWPPKHK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	Involucrin (IVL)
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Target Details

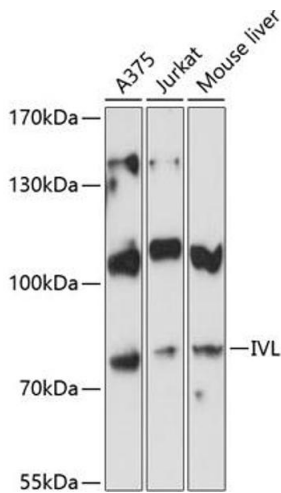
Alternative Name:	IVL (IVL Products)
Background:	Involucrin, a component of the keratinocyte crosslinked envelope, is found in the cytoplasm and crosslinked to membrane proteins by transglutaminase. This gene is mapped to 1q21, among calpactin I light chain, trichohyalin, profilaggrin, loricrin, and calycyclin.,IVL,Cancer,Tumor biomarkers,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Extracellular Matrix,Keratin,IVL
Molecular Weight:	68 kDa
Gene ID:	3713
UniProt:	P07476

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using IVL antibody (ABIN6128143, ABIN6142620, ABIN6142621 and ABIN6224048) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 15s.