

Rabbit anti-Human, Mouse Involucrin Polyclonal Antibody | anti-IVL antibody

Involucrin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320831	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Involucrin; Polyclonal Antibody; Involucrin Antibody; INVO_HUMAN; IVL; anti-IVL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	585
Applicable Applications for anti-IVL antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Involucrin
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



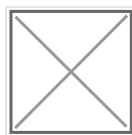
IHC (Immunohistochemistry)

AAA320831 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.



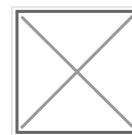
WB (Western Blot)

Western blot analysis of extracts from various samples, using Involucrin Ab. Lane 1: K562 cells (serum starvation treatment), blocked with antigen-specific peptides. Lane 2: K562 cells (serum starvation treatment). Lane 3: 293 cells (serum starvation treatment).



WB (Western Blot)

Western blot analysis on HuvEc cell lysate using Involucrin Antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA320831 staining HuvEc by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 293, using Involucrin Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IVL antibody	IVL Part of the insoluble cornified cell envelope (CE) of stratified squamous epithelia. Belongs to the involucrin family. Directly or indirectly cross-linked to cornifelin (CNFN).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	44890059
NCBI GeneID	3713
NCBI Accession #	NP_005538.2
NCBI GenBank Nucleotide #	NM_005547.3
UniProt Accession #	P07476; Q5T7P4
Molecular Weight	68~120kDa
NCBI Official Full Name	involucrin
NCBI Official Synonym Full Names	involucrin
NCBI Official Symbol	IVL
NCBI Protein Information	involucrin
UniProt Protein Name	Involucrin
UniProt Gene Name	IVL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/involucrin-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320831>