Rabbit anti-Human CK14 Polyclonal Antibody | anti-KRT14 antibody

CK14 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283198	**Rabbit**	**Human**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

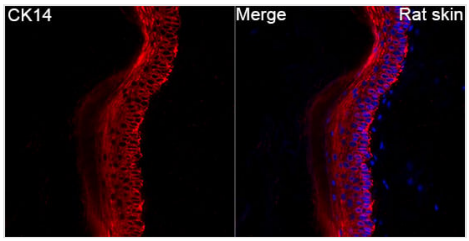
PRODUCT SYNONYMS

CK14; Polyclonal Antibody; CK14 Rabbit pAb; KRT14; EBS3; EBS4; K14; NFJ; keratin 14; anti-KRT14 antibody

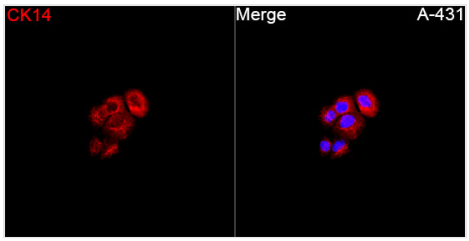
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	QIQEMIGSVE EQLAQLRCEM EQQNQEYKIL LDVKTRLEQE IATYRRLLEG EDAHLSSSQF SSGSQSSRDV TSSSRQIRTK VMDVHDGKVV STHEQVLRTK N
Applicable Applications for anti-KRT14 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 372-472 of human CK14 (NP_000517.3).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

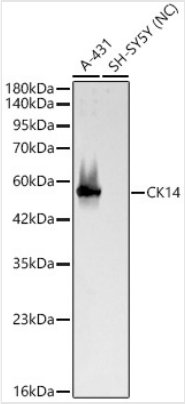
IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of Rat skin tissue using CK14 Rabbit pAb (AAA283198) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.



IF (Immunofluorescence)
Immunofluorescence analysis of A-431 cells using CK14 Rabbit pAb (AAA283198) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of various lysates, using CK14 Rabbit pAb (AAA283198) at 1:3000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Negative control (NC):SH-SY5YExposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT14 antibody	This gene encodes a member of the keratin family, the most diverse group of intermediate filaments. This gene product, a type I keratin, is usually found as a heterotetramer with two keratin 5 molecules, a type II keratin. Together they form the cytoskeleton of epithelial cells. Mutations in the genes for these keratins are associated with epidermolysis bullosa simplex. At least one pseudogene has been identified at 17p12-p11.
Product Categories/Family for anti-KRT14 antibody	Signal Transduction; Cell Biology & Developmental Biology; Cytoskeleton; Intermediate Filaments; Extracellular Matrix; Cytokeratin; Keratin; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	229463044
NCBI GeneID	3861
UniProt Accession #	P02533; Q14715; Q53XY3; Q9BUE3; Q9UBN2; Q9UBN3; Q9UCY4
Molecular Weight	Calculated MW: 51kDa
UniProt Protein Name	Keratin, type I cytoskeletal 14
UniProt Gene Name	**KRT14**
UniProt Synonym Gene Names	CK-14; K14
UniProt Entry Name	K1C14_HUMAN

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://www.aaabiotech.com/polyclonal/ck14-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/283198