

Rabbit Cytokeratin 14/17 Polyclonal Antibody | anti-KRT14 antibody

Cytokeratin 14/17 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173849	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Cytokeratin 14/17; Polyclonal Antibody; Cytokeratin 14/17 Polyclonal Antibody; KRT14; anti-KRT14 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	472
Applicable Applications for anti-KRT14 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide from human protein
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



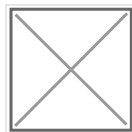
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human skin tissue using Cytokeratin 14/17 Polyclonal Antibody at dilution of 1:200.



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Immunohistochemistry of paraffin-embedded Human skin tissue using Cytokeratin 14/17 Polyclonal Antibody at dilution of 1:200.



WB (Western Blot)

Western Blot analysis of HepG2 cells using Cytokeratin 14/17 Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT14 antibody	KRT14 (Keratin 14) is a Protein Coding gene. Diseases associated with KRT14 include Epidermolysis Bullosa Simplex, Koebner Type and Epidermolysis Bullosa Simplex, Recessive 1. Among its related pathways are Corticotropin-releasing hormone signaling pathway and Glucocorticoid receptor regulatory network. GO annotations related to this gene include structural molecule activity and keratin filament binding. An important paralog of this gene is KRT16. 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. KRT17 (Keratin 17) is a Protein Coding gene. Diseases associated with KRT17 include Steatocystoma Multiplex and Pachyonychia Congenita 2. Among its related pathways are Glucocorticoid receptor regulatory network and Keratinization. GO annotations related to this gene include structural molecule activity and MHC class II receptor activity. An important paralog of this gene is KRT14. This gene encodes the type I intermediate filament chain keratin 17, expressed in nail bed, hair follicle, sebaceous glands, and other epidermal appendages. Mutations in this gene lead to Jackson-Lawler type pachyonychia congenita and steatocystoma multiplex.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15431310
NCBI GeneID	3861
NCBI Accession #	NP_000517.2
NCBI GenBank Nucleotide #	NM_000526.4
UniProt Accession #	P02533; Q14715; Q53XY3; Q9BUE3; Q9UBN2; Q9UBN3; Q9UCY4
Molecular Weight	52kDa
NCBI Official Full Name	keratin, type I cytoskeletal 14
NCBI Official Synonym Full Names	keratin 14
NCBI Official Symbol	KRT14
NCBI Official Synonym Symbols	K14; NFJ; CK14; EBS3; EBS4
NCBI Protein Information	keratin, type I cytoskeletal 14
UniProt Protein Name	Keratin, type I cytoskeletal 14
UniProt Gene Name	KRT14
UniProt Synonym Gene Names	CK-14; K14

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/cytokeratin-14-17-antibody-immunohistochemistry-western-blot-elisa/173849>