

Rabbit KRT1 Polyclonal Antibody | anti-KRT1 antibody

KRT1 antibody - middle region

CATALOG # AAA199090	HOST Rabbit	REACTIVITY Dog, Human, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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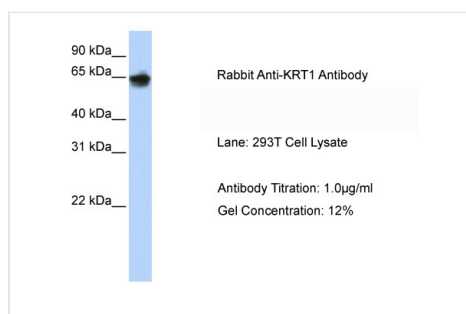
PRODUCT SYNONYMS

KRT1; Polyclonal Antibody; KRT1 antibody - middle region; anti-KRT1 antibody

PRODUCT SPECIFICATIONS

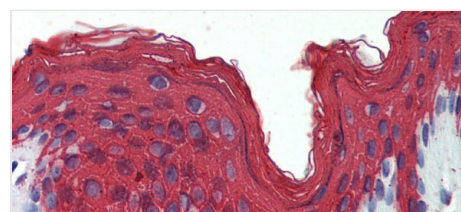
Host	Rabbit
Reactivity	Dog, Human, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GS YGSGSSSGGY RGGSGGGGGG SSGGRSGGG SSGGSIGGRG SSSGGVKS
Sequence Length	644
Applicable Applications for anti-KRT1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Dog: 86%; Human: 100%; Rabbit: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human KRT1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-KRT1 Antibody Titration: 1 µg/ml Positive Control: 293T cells lysate



IHC (Immunohistochemistry)

Rabbit Anti-KRT1 Antibody Paraffin Embedded Tissue: Human Skin Antibody Concentration: 1.25-2.5 µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-KRT1 antibody	This is a rabbit polyclonal antibody against KRT1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: KRT1 is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the spinous and granular layers of the epidermis with family member KRT10 and mutations in these genes have been associated with bullous congenital ichthyosiform erythroderma.The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the spinous and granular layers of the epidermis with family member KRT10 and mutations in these genes have been associated with bullous congenital ichthyosiform erythroderma. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-KRT1 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Developmental Biology; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395750
NCBI GeneID	3848
NCBI Accession #	NP_006112
NCBI GenBank Nucleotide #	NM_006121
UniProt Accession #	P04264
Molecular Weight	66kDa
NCBI Official Full Name	keratin, type II cytoskeletal 1
NCBI Official Synonym Full Names	keratin 1
NCBI Official Symbol	KRT1
NCBI Official Synonym Symbols	K1; CK1; EHK; EHK1; EPPK; KRT1A; NEPPK
NCBI Protein Information	keratin, type II cytoskeletal 1
UniProt Protein Name	Keratin, type II cytoskeletal 1
UniProt Gene Name	KRT1
UniProt Synonym Gene Names	KRTA; CK-1; K1

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/krt1-antibody-western-blot-immunohistochemistry-elisa/199090>