

Rabbit anti-Human Cytokeratin AE1 Polyclonal Antibody | anti-KRT10 antibody

Cytokeratin AE1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28627	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Cytokeratin AE1; Polyclonal Antibody; Cytokeratin AE1 Rabbit pAb; BIE; EHK; IHL; K10; KPP; BCIE; CK10; anti-KRT10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.
Sequence	IFGGGSFGGG SFGGGSFGGG GFGGGGFGGG FGGGFGGDGG LLSGNEKVTM QNLNDRLASY LDKVRALEES NYELEGKIKE WYEKHGNSHQ GEPRDYSKYY
Applicable Applications for anti-KRT10 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 1:500-1:1000 IHC-P: 1:100-1:400 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 101-200 of human Cytokeratin AE1 (NP_000412.4).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded rat skin tissue using Cytokeratin AE1 Rabbit pAb (AAA28627) at a dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

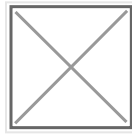
Immunohistochemistry analysis of paraffin-embedded rat colon tissue using Cytokeratin AE1 Rabbit pAb (AAA28627) at a dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

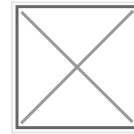
Immunohistochemistry analysis of paraffin-embedded mouse skin tissue using Cytokeratin AE1 Rabbit pAb (AAA28627) at a dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded mouse colon tissue using Cytokeratin AE1 Rabbit pAb (AAA28627) at a dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded human tonsil tissue using Cytokeratin AE1 Rabbit pAb (AAA28627) at a dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded human kidney tissue using Cytokeratin AE1 Rabbit pAb (AAA28627) at a dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT10 antibody	This gene encodes a member of the type I (acidic) cytokeratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. Mutations in this gene are associated with epidermolytic hyperkeratosis. This gene is located within a cluster of keratin family members on chromosome 17q21.
Product Categories/Family for anti-KRT10 antibody	Signal Transduction ; Cell Biology Developmental Biology ; Cytoskeleton ; Intermediate Filaments ; Extracellular Matrix ; Keratin ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	195972866
NCBI GeneID	3858/3861/3866/3868/3880
NCBI Accession #	NP_000412.3
NCBI GenBank Nucleotide #	NM_000421.3
UniProt Accession #	P13645 ; P02533
Molecular Weight	Calculated MW: 59kDa/52kDa/49kDa/51kDa/44kDa Observed MW: 41kDa
UniProt Protein Name	Keratin, type I cytoskeletal 10
UniProt Gene Name	KRT10
UniProt Synonym Gene Names	KPP; CK-10; K10
UniProt Entry Name	K1C10_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytokeratin-ae1-antibody-western-blot-immunohistochemistry-elisa/28627>