Rabbit anti-Human Keratin 1 (KRT1) Polyclonal Antibody | anti-KRT1 antibody

Polyclonal Antibody to Keratin 1 (KRT1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20099	**Rabbit**	**Human**	**Immunocytochemistry, Immunohistochemistry, ELISA, Western Blot**

PRODUCT SYNONYMS

Keratin 1 (KRT1); Polyclonal Antibody; Polyclonal Antibody to Keratin 1 (KRT1); anti-KRT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against KRT1. It has been selected for its ability to recognize KRT1 in immunohistochemical staining andwestern blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3,50% glycerol.
Concentration	0.7mg/ml (varies by lot)
Sequence	Ant igen:Thetarge tproteinis fusedwithN -terminalH is-Tagandi tssequence islistedbe low. MG HHHHHHSGSE F-EGEESRMS GECAPNVSVS VSTSHTTISG GGSRGGGGGG YGSGGSSYGS GGGSYGSGGG GGGGRGSYGS GGSSYGSGGG SYGSGGGGGG HGSYGSGSSS GGYRGGSGGG GGGSSGGRGS GGGSSGGSIG GRGSSSGGVK SSGGSSSVKF VSTTYSGVTR
Sequence Length	644
Applicable Applications for anti-KRT1 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Application Notes	Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200
Immunogen	Recombinant KRT1 (Glu487~Arg644) expressed in E.coli.
Cross Reactivity	Human, Mouse, Rat, Pig
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES

Knockout Validation
Knockout Validation: Lane 1: Wild-type A431 cell lysate;;Lane 2: KRT1 knockout A431 cell lysate;;Predicted MW: 66kDa ;Observed MW: 66kDa;Primary Ab: 3ug/ml Rabbit Anti-Human KRT1 Antibody;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;(Human.

WB (Western Blot)
Western Blot: Sample: Lane1: Human A375 Cells; Lane2: Human H460 Cells; Lane3: Human Hela Cells; Lane4: Mouse Pancreas Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-KRT1 antibody	Knock-Out Validation Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395750
NCBI GeneID	3848
NCBI Accession #	NP_006112.3
NCBI GenBank Nucleotide #	NM_006121.3
UniProt Accession #	P04264; P85925; P86104; Q14720; Q6GSJ0; Q9H298; B2RA01
Molecular Weight	66,039 Da
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/keratin-1-krt1-antibody-immunocytochemistry-immunohistochemistry-western-blot-elisa/20099