

Rabbit anti-Human KRT81 Polyclonal Antibody | anti-KRT81 antibody

KRT81 Antibody

CATALOG # AAA302957	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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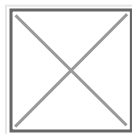
PRODUCT SYNONYMS

KRT81; Polyclonal Antibody; KRT81 Antibody; HB1; Hb-1; KRTHB1; MLN137; ghHkb1; hHAKB2-1; anti-KRT81 antibody

PRODUCT SPECIFICATIONS

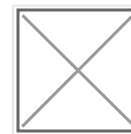
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total KRT81 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	0.8 mg/ml (varies by lot)
Sequence Length	505
Applicable Applications for anti-KRT81 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the N terminal of human keratin 81
Target Name	KRT81
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using at dilution 1/15.



Application Data

Gel: 10%SDS-PAGE Lysate: 40ug Hela cell Primary antibody: 1/200 dilution Secondary antibody dilution: 1/8000 Exposure time: 30 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-KRT81 antibody

The protein encoded by this gene is a member of the keratin gene family. As a type II hair keratin, it is a basic protein which heterodimerizes with type I keratins to form hair and nails. The type II hair keratins are clustered in a region of chromosome 12q13 and are grouped into two distinct subfamilies based on structure similarity. One subfamily, consisting of KRTHB1, KRTHB3, and KRTHB6, is highly related. The other less-related subfamily includes KRTHB2, KRTHB4, and KRTHB5. All hair keratins are expressed in the hair follicle; this hair keratin, as well as KRTHB3 and KRTHB6, is found primarily in the hair cortex. Mutations in this gene and KRTHB6 have been observed in patients with a rare dominant hair disease, monilethrix.

Product Categories/Family for anti-KRT81 antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	169790853
NCBI GeneID	3887
NCBI Accession #	NP_002272.2
NCBI GenBank Nucleotide #	NM_002281.3
UniProt Accession #	Q14533; Q14846; Q16274; Q17R48; Q8WU52; Q9BR74
Molecular Weight	54,928 Da
NCBI Official Full Name	keratin, type II cuticular Hb1
NCBI Official Synonym Full Names	keratin 81, type II
NCBI Official Symbol	KRT81
NCBI Official Synonym Symbols	HB1; Hb-1; KRTHB1; MLN137; ghHkb1; hHAKB2-1
NCBI Protein Information	keratin, type II cuticular Hb1
UniProt Protein Name	Keratin, type II cuticular Hb1
UniProt Gene Name	KRT81
UniProt Synonym Gene Names	KRTHB1; MLN137; K81; MLN 137; ghHb1
UniProt Entry Name	KRT81_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.