

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

KRT81 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323487	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

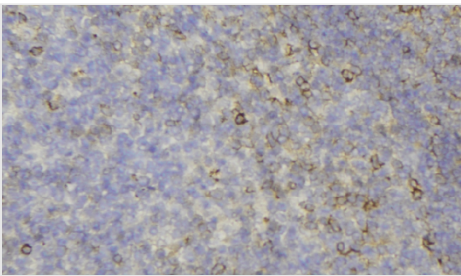
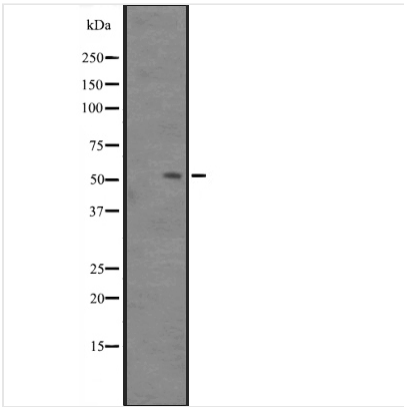
PRODUCT SYNONYMS

KRT81; Polyclonal Antibody; KRT81 Antibody; ghHb 1; ghHb1; ghHkb 1; ghHkb1; hair; Hair keratin K2.9; Hard keratin type II 1; HB 1; HB1; hHAKB2 1; K2.9; K81; Keratin 81; Keratin; Keratin hair basic 1; Keratin type II cuticular Hb1; Keratin-81; Keratin81; KRT 81; KRT81_HUMAN; KRTHB 1; KRTHB1; Metastatic lymph node 137 gene protein; MLN 137; MLN137; type II cuticular Hb1; Type II hair keratin Hb1; Type-II keratin Kb21; anti-KRT81 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	KRT81 antibody detects endogenous levels of total KRT81
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	505
Applicable Applications for anti-KRT81 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Abundantly expressed in the differentiating cortex of growing (anagen) hair. Expression is restricted to the keratinocytes of the hair cortex and is absent from inner root sheath and medulla. Expressed in malignant lymph node tissue in breast carcinoma tissue.
Predicted Cross Reactivity	Horse
Similarity	Horse (100%)
Conjugation	Unconjugated

IMAGES



IHC (Immunohistochemistry)
AAA323487 at 1/100 staining Human lymph node tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of KRT81 expression in Hela cell lysate, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT81 antibody	Function: There are two types of hair/microfibrillar keratin, I (acidic) and II (neutral to basic). Subunit Structure: Heterotetramer of two type I and two type II keratins. Similarity: Belongs to the intermediate filament family.
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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	Observed: 55 kDa Predicted: 55 kDa
NCBI Official Full Name	keratin, type II cuticular Hb1
NCBI Official Synonym Full Names	keratin 81
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

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.