

Rabbit anti-Human, Rat KRT31/33A/33B Polyclonal Antibody | anti-KRT33A antibody

KRT31/33A/33B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323483	Rabbit	Human, Rat	ELISA, Immunohistochemistry, Western Blot

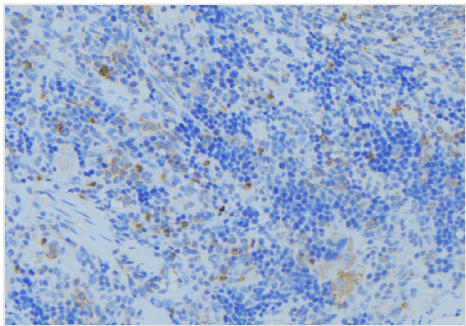
PRODUCT SYNONYMS

KRT31/33A/33B; Polyclonal Antibody; KRT31/33A/33B Antibody; Ha-3I; HA3I; Hair keratin; type I Ha3-I; Hard keratin; type I; 3I; hHa3-I; HHA3-I; HKA3A; K33A; Keratin; hair; acidic; 3A; type I cuticular Ha3-I; Keratin-33A; Krt1-3; Krt33a; KRTHA3A; KT33A_HUMAN; type I Ha3-I; HA 3II; HA3II; Hair keratin type I Ha3 II; Hard keratin type I 3II; hHa3 II; hHa3II; HKA3B; K33B; Keratin 33B; Keratin hair acidic 3B; Keratin hair acidic3B; Keratin type I cuticular Ha3 II; Keratin-33B; Keratin33B; KRT 33B; KRT33B; KRTHA 3B; KRTHA3B; KT33B_HUMAN; type I cuticular Ha3-II; type I Ha3-II; Type I hair keratin 3B; Ha-1; HA1; Hair Keratin acidic hHa1; hard keratin; 1; hHa1; HKA1; K1H1_HUMAN; K31; keratin 31; keratin; type I cuticular Ha1; Keratin-31; Krt31; KRTHA1; MGC138630; type I Ha1; anti-KRT33A antibody

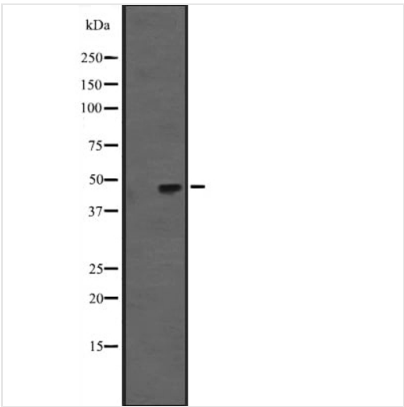
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	KRT31/33A/33B antibody detects endogenous levels of total KRT31/33A/33B
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	404
Applicable Applications for anti-KRT33A antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Expressed in the hair follicles.
Predicted Cross Reactivity	Pig, Bovine, Horse, Dog
Similarity	Pig (90%), Bovine (100%), Horse (100%), Dog (90%)
Conjugation	Unconjugated

IMAGES



IHC (Immunohistochemistry)
AAA323483 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 KRT31/33A/33B expression in HeLa cell lysate. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT33A antibody	Function: There are two types of hair/microfibrillar keratin, I (acidic) and II (neutral to basic). Similarity: Belongs to the intermediate filament family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14917117
NCBI GeneID	3883
NCBI Accession #	NP_004129.2
NCBI GenBank Nucleotide #	NM_004138.3
UniProt Accession #	O76009; Q6NTB9; Q6ZZB9; B2RA87
Molecular Weight	Observed: 47 kDa; 46 kDa; 46 kDa Predicted: 46 kDa
NCBI Official Full Name	keratin, type I cuticular Ha3-I
NCBI Official Synonym Full Names	keratin 33A
NCBI Official Symbol	KRT33A
NCBI Official Synonym Symbols	HA3I; K33A; Ha-3I; Krt1-3; hHa3-I; KRTHA3A
NCBI Protein Information	keratin, type I cuticular Ha3-I
UniProt Protein Name	Keratin, type I cuticular Ha3-I
UniProt Gene Name	KRT33A
UniProt Synonym Gene Names	HHA3-I; HKA3A; KRTHA3A; K33A

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.