



## Rabbit Anti-KRT31 antibody

SL20147R

<b>Product Name:</b>	KRT31
<b>Chinese Name:</b>	细胞角蛋白31抗体
<b>Alias:</b>	Ha-1; HA1; Hair keratin; hard keratin, type I, 1; hHa1; HKA1; K1H1_HUMAN; K31; keratin 31; Keratin; keratin, hair, acidic,1; keratin, type I cuticular Ha1; Keratin-31; Krt31; KRTHA1; MGC138630; type I cuticular Ha1; type I Ha1.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Mouse,Rat,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	47kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human KRT31:51-150/416
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	The protein encoded by this gene is a member of the keratin gene family. As a type I hair keratin, it is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. [provided by RefSeq, Jul 2008]

**Tissue Specificity:**

Present in scalp but not in hairless skin. 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.

**Similarity:**

Belongs to the intermediate filament family.

**SWISS:**

Q15323

**Gene ID:**

3881

**Database links:**

[Entrez Gene: 3881](#) Human

[Entrez Gene: 16660](#) Mouse

[Entrez Gene: 450228](#) Rat

[Omim: 601077](#) Human

[SwissProt: Q15323](#) Human

[SwissProt: Q61765](#) Mouse

[Unigene: 41696](#) Human

[Unigene: 439673](#) Mouse

[Unigene: 129815](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.