



## Rabbit Anti-Keratin82 antibody

SL6947R

<b>Product Name:</b>	Keratin82
<b>Chinese Name:</b>	角蛋白82抗体
<b>Alias:</b>	Hard keratin, type II, 2; Hb 2; HB2; K82; Kb22; Keratin 82; Keratin hair basic 2; Keratin, type II cuticular Hb2; Krt2 20; Krt82; KRTHB2; Type II hair keratin Hb2; Type II keratin Kb22; KRT82_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=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>	57kDa
<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 Keratin82/KRT82:351-450/513
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<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>	KRT82 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 keratin appears to be a hair cuticle-specific keratin.

**Subunit:**

Heterotetramer of two type I and two type II keratins.

**Similarity:**

Belongs to the intermediate filament family.

**SWISS:**

Q9NSB4

**Gene ID:**

3888

**Database links:**

[Entrez Gene: 3888](#)Human

[Entrez Gene: 114566](#)Mouse

[Omim: 601078](#)Human

[SwissProt: Q9NSB4](#)Human

[SwissProt: Q99M74](#)Mouse

[Unigene: 134640](#)Human

[Unigene: 458432](#)Mouse

**Important Note:**

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