

## KRA59 Rabbit pAb

CatalogNo: YN4173

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human

#### Applications

- WB

#### MW

- 19kD (Calculated)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human KRA59 AA range: 9-59

**Specificity** This antibody detects endogenous levels of KRA59 at Human

### Target Information

**Gene name** KRTAP5-9 KAP5.9 KRN1 KRTAP5.9 UHSK1

**Protein Name** KRA59

**Organism**

Human

**Gene ID**

[3846;](#)

**UniProt ID**

[P26371;](#)

**Cellular Localization**

keratin filament,

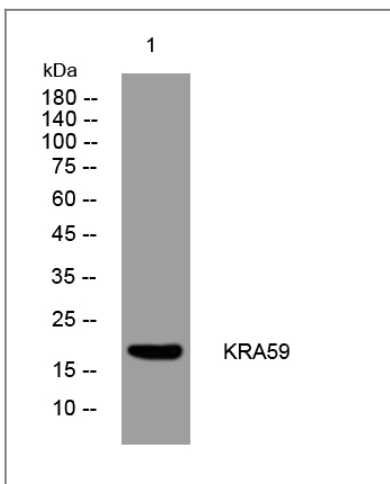
**Tissue specificity**

Restricted to hair root, not detected in any other tissues. Expressed in cuticle layers of differentiating hair follicles.

**Function**

developmental stage:At a late stage of fiber differentiation.,Function:In the hair cortex, hair keratin intermediate filaments are embedded in an interfilamentous matrix, consisting of hair keratin-associated protein (KRTAP), which are essential for the formation of a rigid and resistant hair shaft through their extensive disulfide bond cross-linking with abundant cysteine residues of hair keratins. The matrix proteins include the high-sulfur and high-glycine-tyrosine keratins.,similarity:Belongs to the KRTAP type 5 family.,subunit:Interacts with hair keratins.,tissue specificity:Restricted to hair root, not detected in any other tissues. Expressed in cuticle layers of differentiating hair follicles.,

## Validation Data



Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4° over night

## Contact information

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