

## KRA51 Rabbit pAb

CatalogNo: YN3470

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB

#### MW

- 31kD (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 KRA51 AA range: 6-56

#### Specificity

This antibody detects endogenous levels of KRA51 at Human/Mouse

### Target Information

#### Gene name

KRTAP5-1 KAP5.1 KRN1L KRTAP5.1

**Protein Name** KRA51

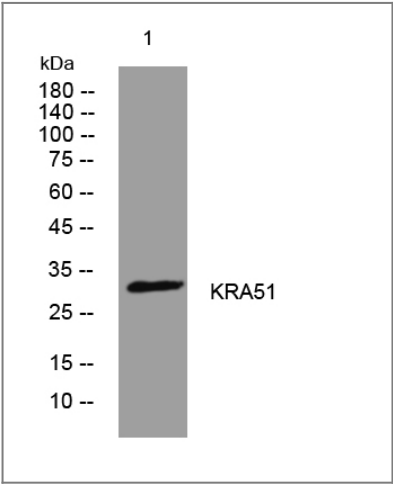
Organism	Gene ID	UniProt ID
Human	<a href="#">387264;</a>	<a href="#">Q6L8H4;</a>
Mouse	<a href="#">50774;</a>	<a href="#">Q64507;</a>

**Cellular Localization** keratin filament,

**Tissue specificity** Expressed in hair root but not in skin. Expressed also in lung, pancreas, ovary, testis.

**Function** 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:Expressed in hair root but not in skin. Expressed also in lung, pancreas, ovary, testis.,

| Validation Data



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4°over night

| Contact information

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**KRA51 Rabbit pAb**

