

## KR104 Rabbit pAb

CatalogNo: YN4297

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human

#### Applications

- WB

#### MW

- 44kD (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 KR104 AA range: 349-399

**Specificity** This antibody detects endogenous levels of KR104 at Human

### | Target Information

**Gene name** KRTAP10-4 KAP10.4 KAP18-4 KRTAP10.4 KRTAP18-4 KRTAP18.4

**Protein Name** KR104

**Organism**

**Gene ID**

**UniProt ID**

Human

[386672](#);

[P60372](#);

**Cellular  
Localization**

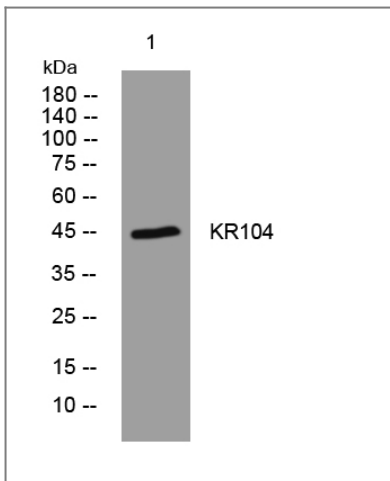
keratin filament,

**Tissue specificity** Restricted to hair root, not detected in any other tissues.

**Function**

Function:In the hair cortex, hair keratin intermediate filaments are embedded in an interfilamentous matrix, consisting of hair keratin-associated proteins (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 10 family.,subunit:Interacts with hair keratins.,tissue specificity:Restricted to hair root, not detected in any other tissues.,

## Validation Data



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

## Contact information

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