

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

Human

Gene ID

[386672](#);

UniProt ID

[P60372](#);

Cellular Localization

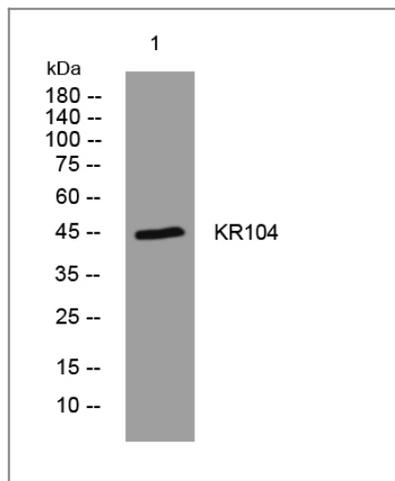
keratin filament,

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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