

KRTHB3 (PT1080R) PT® Rabbit mAb

CatalogNo: YM8902 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 54kDa (Calculated)
- 54kDa (Observed)

Isotype

- IgG, Kappa

Recommended Dilution Ratios

WB 1:1000-1:5000

Storage

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

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Basic Information

Clonality Monoclonal

Clone Number PT1080R

Immunogen Information

Specificity Endogenous

Target Information

Gene name KRT83 KRTHB3

Protein Name Keratin, type II cuticular Hb3 (Hair keratin K2.10) (Keratin-83) (K83) (Type II hair keratin Hb3) (Type-II keratin Kb23)

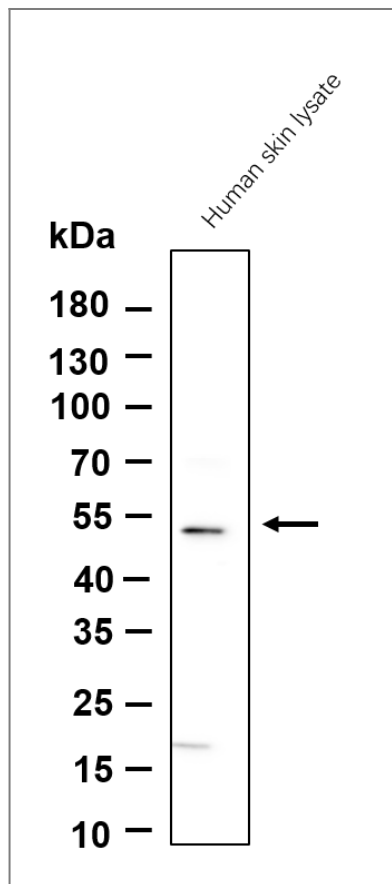
Organism	Gene ID	UniProt ID
Human	3889;	P78385;
Mouse		Q6IMF0;

Cellular Localization extracellular space,keratin filament,

Tissue specificity Synthesis begins in the cortex 10-15 cell layers above the apex of the dermal papilla and ends abruptly in the middle of the cortex.

Function Caution:Maps to a duplicated region on chromosome 12.,Disease:Defects in KRT83 are a cause of Monilethrix [MIM:158000]. Monilethrix is an autosomal dominant hair disorder characterized clinically by alopecia and follicular papules. Affected hairs have uniform elliptical nodes of normal thickness and intermittent constrictions, internodes at which the hair easily breaks. Usually only the scalp is involved, but in severe forms, the secondary sexual hair, eyebrows, eyelashes, and nails may also be affected.,miscellaneous:There are two types of hair/microfibrillar keratin, I (acidic) and II (neutral to basic).,similarity:Belongs to the intermediate filament family.,subunit:Heterotetramer of two type I and two type II keratins.,tissue specificity:Synthesis begins in the cortex 10-15 cell layers above the apex of the dermal papilla and ends abruptly in the middle of the cortex.,

Validation Data



Western blot analysis of lysates from Human skin lysate cell, primary antibody was diluted at 1:1000, 4° over night, Dylight 800 secondary antibody(Immunoway:RS23920)was diluted at 1:10000, 37° 1hour.

| Contact information

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