

K2C6B Rabbit pAb

CatalogNo: YN3161

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 60kD (Observed)

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 K2C6B AA range: 93-143

Specificity This antibody detects endogenous levels of K2C6B at Human/Mouse

Target Information

Gene name KRT6B K6B KRTL1

Protein Name K2C6B

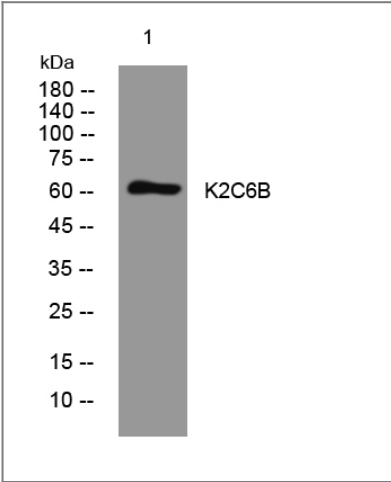
Organism	Gene ID	UniProt ID
Human	3854 ;	P04259 ;
Mouse		Q9Z331 ;

Cellular Localization keratin filament,extracellular exosome,

Tissue specificity Constitutively expressed in distinct types of epithelia such as those in oral mucosa, esophagus, papillae of tongue and hair follicle outer root sheath.

Function Disease:Defects in KRT6B are a cause of pachyonychia congenita type 2 (PC2) [MIM:167210]; also known as pachyonychia congenita Jackson-Lawler type. PC2 is an autosomal dominant ectodermal dysplasia characterized by hypertrophic nail dystrophy resulting in onychogryposis (thickening and increase in curvature of the nail), palmoplantar keratoderma and hyperhidrosis, follicular hyperkeratosis, multiple epidermal cysts, absent/sparse eyebrow and body hair, and by the presence of natal teeth.,miscellaneous:There are at least six isoforms of human type II keratin-6 (K6).,miscellaneous:There are two types of cytoskeletal and microfibrillar keratin, I (acidic) and II (neutral to basic) (40-55 and 56-70 kDa, respectively).,similarity:Belongs to the intermediate filament family.,subunit:Heterodimer of a type I and a type II keratin. KRT6 isomers associate with KRT16 and/or KRT17.,tissue specificity:Constitutively expressed in distinct types of epithelia such as those in oral mucosa, esophagus, papillae of tongue and hair follicle outer root sheath.,

Validation Data



Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

Orders: order.cn@immunoway.com
Support: support.cn@immunoway.com
Telephone: 400-8787-807(China)
Website: <http://www.immunoway.com.cn>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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K2C6B Rabbit pAb

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