

A Reliable Research Partner in Life Science and Medicine

CK-7 Polyclonal Antibody

catalog number: D-AB-10175L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Mouse

Immunogen Recombinant Mouse Krt7 protein expressed by E.coli

Host Rabbit Isotype IgG

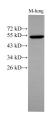
Purification Antigen Affinity Purification

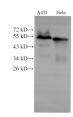
Buffer PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB 1:500-1:2000 **IHC** 1:250-1:500

Data

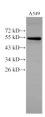




Western Blot analysis of Mouse lung using CK-7 Polyclonal

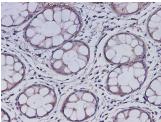
Antibody at dilution of 1:500 Observed-MW:51 kDa

Observed-MW:51 kDa Calculated-MW:51 kDa



Western Blot analysis of A431 and Hela cells using CK-7 Polyclonal Antibody at dilution of 1:2000

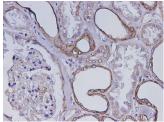
> Observed-MW:51 kDa Calculated-MW:51 kDa



Western Blot analysis of A549 cells using CK-7 Polyclonal

Antibody at dilution of 1:2000

Observed-MW:51 kDa Calculated-MW:51 kDa



Immunohistochemistry of paraffin-embedded Mouse colon using Krt7 Polyclonal Antibody at dilution of 1:500

Rev. V2.2

Immunohistochemistry of paraffin-embedded Mouse kidney using Krt7 Polyclonal Antibody at dilution of 1:500

Preparation & Storage

For Research Use Only

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com



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Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping The product is shipped with ice pack, upon receipt, store it immediately at the

temperature recommended.

Background

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9–K23, and the hair keratins Ha1–Ha8. Type II keratins are the basic or neutral courterparts to the acidic type I keratins, including K1–K8, and the hair keratins, Hb1–Hb6. KRT7, also named as cytokeratin 7, is one member of type II basic cytokeratin. It is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels, and their neoplasms. KRT7 is marker of epithelial tissues, but not present in carcinomas of stratified squamous cell origin. This antibody is specifically against KRT7.

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