

CK-7 Polyclonal Antibody

catalog number: D-AB-10175L

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

Description

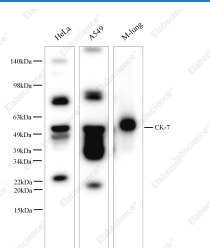
Reactivity	Human;Mouse
Immunogen	Recombinant Mouse Krt7 protein expressed by E.coli
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications

Recommended Dilution

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

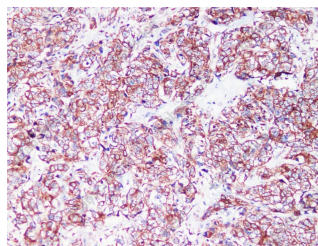
Data



Western blot with Anti CK-7 Polyclonal antibody at dilution of 1:1000. Lane 1:HeLa cell lysate,Lane 2:A549 cell lysate,Lane 3:Mouse lung tissue lysate.

Observed-MW:51 kDa

Calculated-MW:51 kDa



Immunohistochemistry of paraffin-embedded Human Breast cancer using CK-7 Polyclonal Antibody at dilution of 1:250.

Preparation & Storage

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 counterparts 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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