

## KRT7

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF FC

**Recommended Dilution:**WB 1:500 - 1:1000 IHC 1:50 - 1:100 IF 1:20 - 1:50 FC 1:20 - 1:100

**Calculated MW:**51kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human KRT7

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

KRT7;CK7;K2C7;K7;MGC129731;MGC3625;SCL ;Cytokeratin 7

**Catalog #:**A0063

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**3855

**Isotype:**IgG

**Swiss Prot:**P08729

**Purity:**Affinity purification

For research use only.

**Background:**

Keratins (cytokeratins) are intermediate filament proteins that are mainly expressed in epithelial cells. Keratin heterodimers composed of an acidic keratin (or type I keratin, keratins 9 to 23) and a basic keratin (or type II keratin, keratins 1 to 8) assemble to form filaments (1,2). Keratin isoforms demonstrate tissue- and differentiation-specific profiles that make them useful as biomarkers (1). Mutations in keratin genes are associated with skin disorders, liver and pancreatic diseases, and inflammatory intestinal diseases (3-6).Keratin 7 and Keratin 19 are present in hepatic and pancreatic progenitor/stem cells (7,8).

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