# **KRT5 Rabbit Polyclonal Antibody**



#### **CAB2662**

#### **Product Information**

Size:

20uL, 50uL, 100uL, 200uL

**Observed MW:** 

70kDa

62kDa

Calculated MW:

**Applications:** 

WB IHC IF IP

Reactivity:

Human, Mouse

# **Protein Background**

The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.

## Immunogen information

Gene ID:

3852

Uniprot P13647

Synonyms:

KRT5; CK5; DDD; DDD1; EBS2; K5; KRT5A; keratin 5

## **Antibody Information**

## **Recommended dilutions:**

WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 IP 1:50 - 1:200

Source:

Rabbit

Isotype: IgG

**Purification:** 

Affinity purification

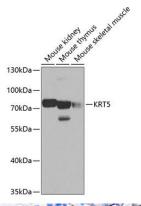
#### Immunogen:

Recombinant protein of human KRT5

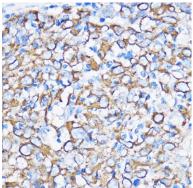
#### Storage:

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

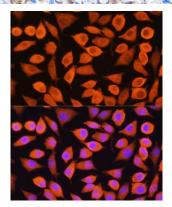
## **Product Images**



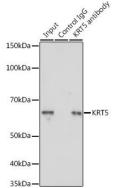
Western blot analysis of extracts of various cell lines, using KRT5 antibody (CAB2662) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.



Immunohistochemistry of paraffin-embedded Human esophageal cancer using KRT5 Rabbit pAb (CAB2662) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of L929 cells using KRT5 Rabbit pAb (CAB2662) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200ug extracts of A-431 cells using 3ug KRT5 antibody (CAB2662). Western blot was performed from the immunoprecipitate using KRT5 antibody (CAB2662) at a dilition of 1:5000.