## **Vimentin Rabbit Polyclonal Antibody**



## **CAB2584**

**Product Information** 

Size:

20uL, 50uL, 100uL, 200uL

**Observed MW:** 

58kDa

Calculated MW:

53kDa

WB IHC IF

**Applications:** 

Human, Mouse, Rat

Reactivity:

Immunogen information

**Protein Background** 

pulverulent cataract.

Gene ID:

7431

Uniprot P08670

Synonyms:

**Antibody Information** 

**Recommended dilutions:** WB 1:500 - 1:2000 IHC 1:50

- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human Vimentin (NP\_003371.2).

This gene encodes a member of the intermediate filament family. Intermediate filamentents, along with microtubules and actin microfilaments, make up the cytoskeleton. The protein

encoded by this gene is responsible for maintaining cell shape, integrity of the cytoplasm, and stabilizing cytoskeletal interactions. It is also involved in the immune response, and controls

the transport of low-density lipoprotein (LDL)-derived cholesterol from a lysosome to the site of esterification. It functions as an organizer of a number of critical proteins involved in

attachment, migration, and cell signaling. Mutations in this gene causes a dominant,

Storage: Isotype:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% IgG

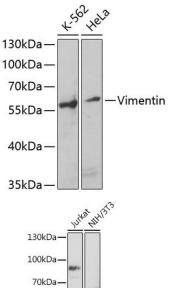
sodium azide, 50% glycerol, pH7.3.

CTRCT30; HEL113; Vimentin; VIM; vimentin

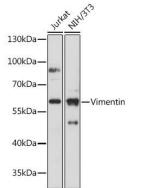
**Purification:** 

Affinity purification

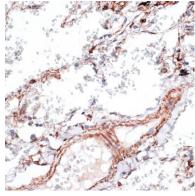
## **Product Images**



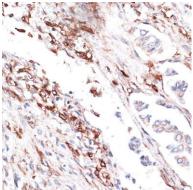
Western blot analysis of extracts of various cell lines, using Vimentin antibody (CAB2584) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 90s.



Western blot analysis of extracts of various cell lines, using Vimentin antibody (CAB2584) 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: 30s.



Immunohistochemistry of paraffin-embedded human lung using Vimentin antibody (CAB2584) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human lung cancer using Vimentin antibody (CAB2584) at dilution of 1:100 (40x lens).