Phospho-VIM-S83 Rabbit Polyclonal Antibody

CABP0799

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

60kDa

Calculated MW:

53kDa

Applications:

WB

Reactivity:

Human, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

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, pulverulent cataract.

Immunogen information

Gene ID:
7431

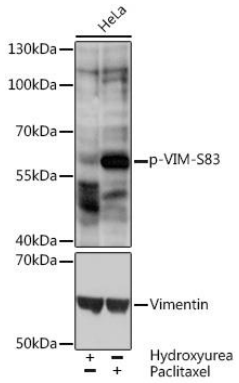
Uniprot
P08670

Synonyms:
CTRCT30; HEL113; Vimentin; VIM; vimentin

Immunogen:
A synthetic phosphorylated peptide around S83 of human VIM (NP_003371.2).

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

Product Images



Western blot analysis of extracts of HeLa cells, using Phospho-VIM-S83 pAb (CABP0799) at 1:2000 dilution or Vimentin antibody (CAB2584).HeLa cells were treated by Hydroxyurea (4 mM) at 37'C for 20 hours or treated by Paclitaxel (100 nM/mL) at 37'C for 20 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.

