Phospho-Vimentin-S39 Antibody

CABP0806

Description

This Phospho-Vimentin-S39 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CABP0806
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	CTRCT30, HEL113, Vimentin, VIM, vimentin, Phospho-Vimentin-S39
Clone:	-
Applications:	WB IHC-P ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	7431
Uniprot:	AB_2771645
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	57 kDa
Calculated MW:	54 kDa

Preparation & Storage

Storage: Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.
Store Bradford Reagent at Room Temperature for 1 Year.

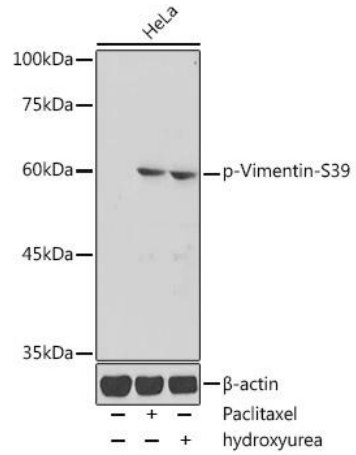
Positive Sample: HeLa treated with Paclitaxel, HeLa treated with Hydroxyurea, NIH/3T3 treated with Calyculin A

Recommended Dilutions:

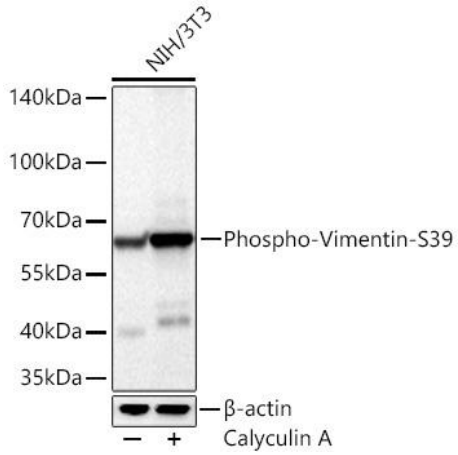
WB	1:500 - 1:1000
IHC-P	1:50 - 1:100
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

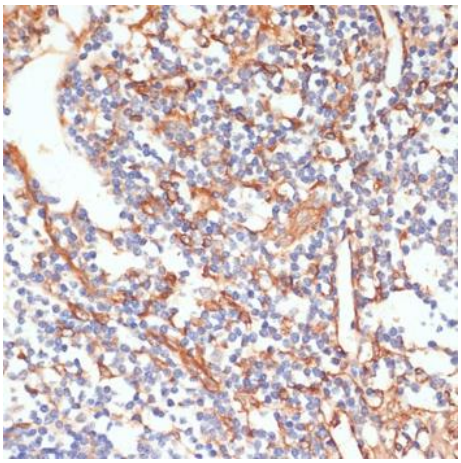
Validation Data



Western blot analysis of lysates from HeLa cells, using Phospho-Vimentin- Rabbit pAb (CABP0806) at 1:1000 dilution. HeLa cells were treated with Paclitaxel (100 nM/ml) at 37℃ for 20 hours. HeLa cells were treated with Hydroxyurea (4 mM) at 37℃ for 20 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 180s.



Western blot analysis of lysates from NIH/3T3 cells using Phospho-Vimentin- Rabbit pAb (CABP0806) at 1:1000 dilution incubated overnight at 4℃. NIH/3T3 cells were treated with Calyculin A (200 nM) for 30 minutes after serum starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10 s.



Immunohistochemistry analysis of paraffin-embedded Human appendix using Phospho-Vimentin- Rabbit pAb (CABP0806) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.