

Rabbit Phospho-Vimentin-S83 Polyclonal Antibody | anti-S83 antibody

Phospho-Vimentin-S83 Rabbit pAb

CATALOG # AAA282131	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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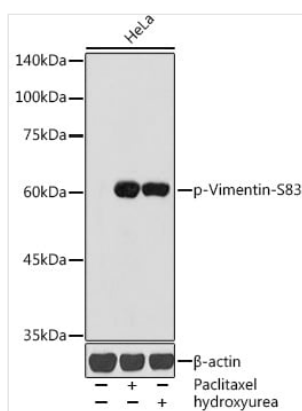
PRODUCT SYNONYMS

Phospho-Vimentin-S83; Polyclonal Antibody; Phospho-Vimentin-S83 Rabbit pAb; VIM; CTRCT30; HEL113; vimentin; anti-S83 antibody

PRODUCT SPECIFICATIONS

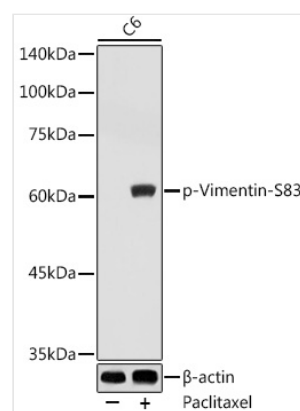
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-S83 antibody	WB (Western Blot)
Immunogen	A phospho specific peptide corresponding to residues surrounding S83 of human VIM.
Cellular Location	Cytoplasm
Positive Samples	HeLa, NIH/3T3, C6
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



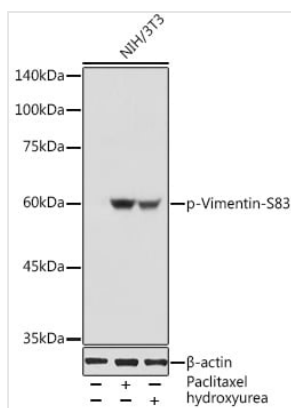
WB (Western Blot)

Western blot analysis of extracts of HeLa cells, using Phospho-Vimentin-S83 antibody at 1:1000 dilution. HeLa cells were treated by Paclitaxel (100 nM/ml) at 37°C for 20 hours. HeLa cells were treated by Hydroxyurea (4 mM) at 37°C for 20 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



WB (Western Blot)

Western blot analysis of extracts of C6 cells, using Phospho-Vimentin-S83 antibody at 1:1000 dilution. C6 cells were treated by Paclitaxel (100 nM) at 37°C for 20 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



WB (Western Blot)

Western blot analysis of extracts of NIH/3T3 cells, using Phospho-Vimentin-S83 antibody at 1:1000 dilution. NIH/3T3 cells were treated by Paclitaxel (100 nM/ml) at 37°C for 20 hours. NIH/3T3 cells were treated by Hydroxyurea (4 mM) at 37°C for 20 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-S83 antibody	Background: This gene encodes a member of the intermediate filament family. Intermediate filaments, 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.[provided by RefSeq, Jun 2009]
Product Categories/Family for anti-S83 antibody	Protein phosphorylation ; Research ; Cancer ; Tumor biomarkers ; Research ; Cell Biology & Developmental Biology ; Cytoskeleton ; Intermediate Filaments ; Research ; Stem Cells ; Neural Stem Cells ; Research ; Neuroscience ; Cell Type Marker ; Neural Stem Cell marker ;

NCBI AND UNIPROT INFORMATION

NCBI GI #	62414289
NCBI GeneID	7431
NCBI Accession #	NP_003371.2
NCBI GenBank Nucleotide #	NM_003380.3
UniProt Accession #	P08670; Q15867; Q15868; Q15869; Q548L2; Q6LER9; Q8N850; Q96ML2; Q9NTM3; B0YJC2; D3DRU4
Molecular Weight	53,652 Da
NCBI Official Full Name	vimentin
NCBI Official Synonym Full Names	vimentin
NCBI Official Symbol	VIM
NCBI Protein Information	vimentin
UniProt Protein Name	Vimentin
UniProt Gene Name	VIM
UniProt Entry Name	VIME_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/phospho-vimentin-s83-antibody-western-blot-elisa/282131>