

Product Datasheet

VASP [p Ser156] Antibody (JE45-91) NBP3-32815

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32815

VASP [p Ser156] Antibody (JE45-91)

| Product Information | |
|--------------------------------|--|
| Unit Size | 100 ul |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | JE45-91 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Purity | Protein A purified |
| Buffer | 1*TBS (pH7.4), 0.05% BSA and 40% Glycerol |
| Target Molecular Weight | 40 kDa |

| Product Description | |
|----------------------------|--|
| Description | Novus Biologicals Rabbit VASP [p Ser156] Antibody (JE45-91) (NBP3-32815) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 7408 |
| Gene Symbol | VASP |
| Species | Human, Mouse, Rat |
| Immunogen | Synthetic phosphopeptide corresponding to residues surrounding Ser156 of human VASP. (Uniprot: P50552) |

| Product Application Details | |
|------------------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:1000 |



Images

Western Blot: VASP [p Ser156] Antibody (JE45-91) [NBP3-32815] - Western blot analysis of VASP on different lysates with Rabbit anti-VASP antibody (NBP3-32815) at 1/1,000 dilution.

Lane 1: HeLa cell lysate

Lane 2: HeLa treated with 100ng/mL Calyculin A for 30 minutes cell lysate

Lane 3: HeLa treated with 100ng/mL Calyculin A for 30 minutes cell lysate, then the membrane treated with pp for 1 hour

Lysates/proteins at 20 ug/Lane.

Predicted band size: 40 kDa

Observed band size: 50 kDa

Exposure time: 3 minutes; ECL;
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32815) at 1/1,000 dilution was used in 5% NFDm/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

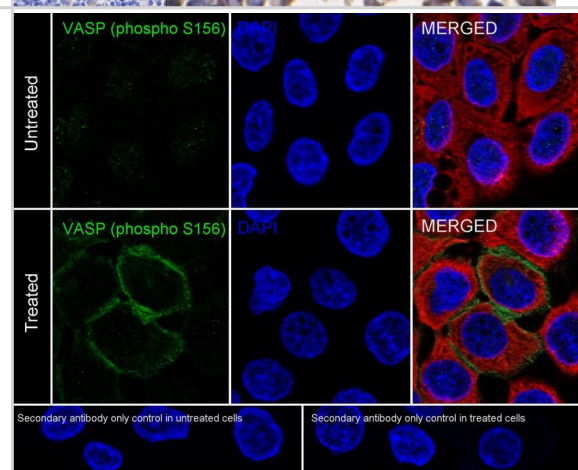
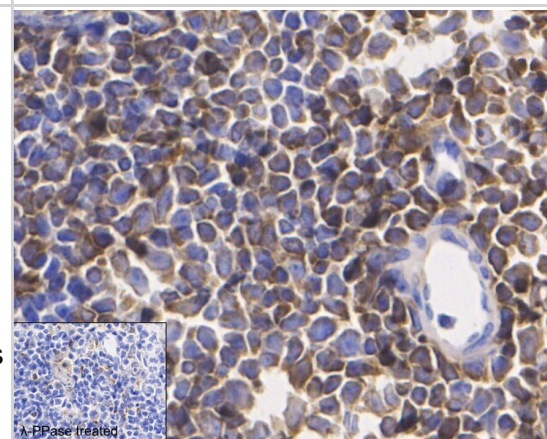
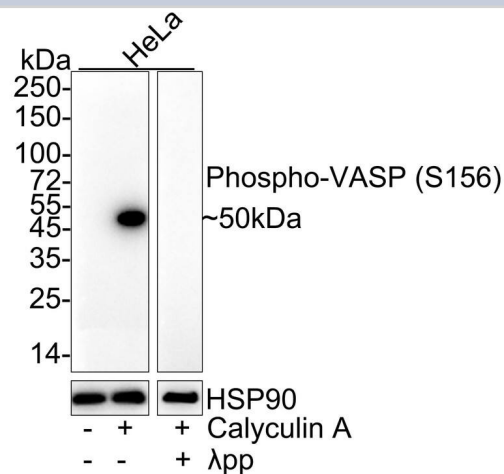
Immunohistochemistry: VASP [p Ser156] Antibody (JE45-91) [NBP3-32815] - Immunohistochemical analysis of paraffin-embedded mouse spleen tissue with Rabbit anti-VASP antibody (NBP3-32815) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32815) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Immunocytochemistry/ Immunofluorescence: VASP [p Ser156] Antibody (JE45-91) [NBP3-32815] - Immunocytochemistry analysis of A431 cells treated with or without 10µM forskolin for 1 hour labeling VASP with Rabbit anti-VASP antibody (NBP3-32815) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-VASP antibody (NBP3-32815) at 1/100 dilution in 1% BSA in PBST overnight at 4°C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4°C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.





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Products Related to NBP3-32815

| | |
|-------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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