

# Product Datasheet

## p97/VCP Antibody (3P8T3)

### NBP3-15478-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-15478-100ul**

p97/VCP Antibody (3P8T3)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3P8T3
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 0.05% BSA, 50% glycerol, pH7.3
Target Molecular Weight	89 kDa

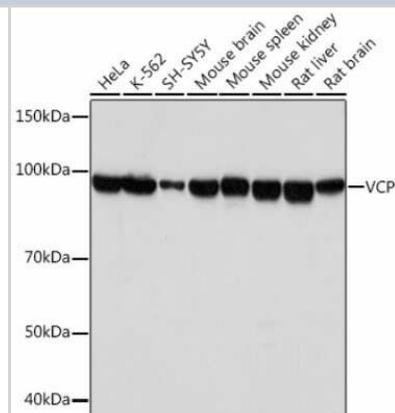
Product Description	
Host	Rabbit
Gene ID	7415
Gene Symbol	VCP
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human p97/VCP (P55072). MASGADSKGDDLSTAILKQKNRPNRLIVDEAINEDNSVVSLSQPKMDELQLFRG DTVLLKGKKRREAVCIVLSDDTCSDEKIRMNRVVRNNLRVRLGDVI

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000 - 1:6000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunocytochemistry/ Immunofluorescence 1:200 - 1:800

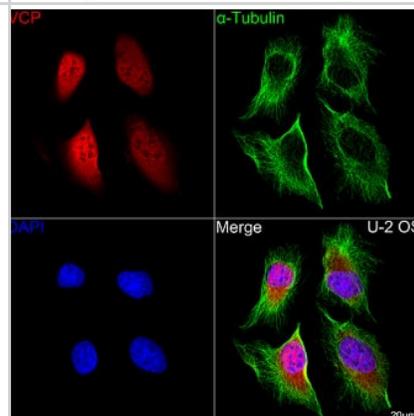


## Images

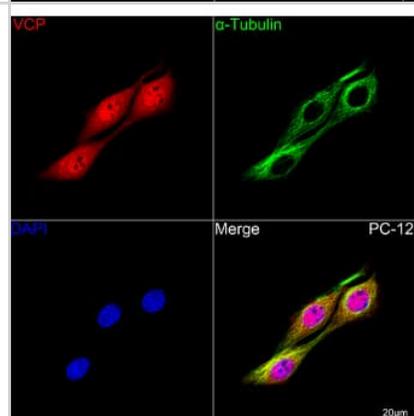
**Western Blot: p97/VCP Antibody (3P8T3) [NBP3-15478]** - Western blot analysis of extracts of various cell lines, using p97/VCP Rabbit mAb (NBP3-15478) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



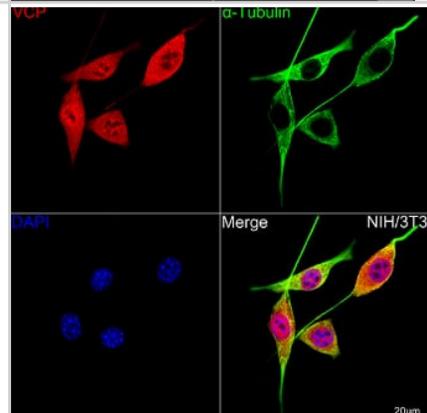
**Immunocytochemistry/Immunofluorescence: p97/VCP Antibody (3P8T3) [NBP3-15478]** - Confocal imaging of U-2 OS cells using VCP Rabbit mAb (dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). The cells were counterstained with  $\alpha$ -Tubulin Mouse mAb (dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



**Immunocytochemistry/Immunofluorescence: p97/VCP Antibody (3P8T3) [NBP3-15478]** -Confocal imaging of PC-12 cells using VCP Rabbit mAb (dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). The cells were counterstained with  $\alpha$ -Tubulin Mouse mAb (dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



**Immunocytochemistry/Immunofluorescence: p97/VCP Antibody (3P8T3) [NBP3-15478]** -Confocal imaging of NIH/3T3 cells using VCP Rabbit mAb (dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). The cells were counterstained with  $\alpha$ -Tubulin Mouse mAb (dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.





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### Products Related to NBP3-15478-100ul

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00007415-P02-10ug	Recombinant Human p97/VCP GST (N-Term) Protein

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### 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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