

Product Datasheet

p97/VCP Antibody (5H12) - BSA Free NBP3-26257-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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NBP3-26257-100ul

p97/VCP Antibody (5H12) - BSA Free

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5H12
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol

Product Description

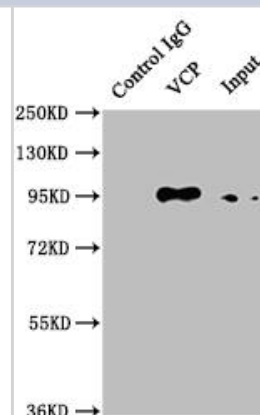
Host	Rabbit
Gene ID	7415
Gene Symbol	VCP
Species	Human, Rat
Immunogen	A synthesized peptide derived from Human p97/VCP [UniProt P55072]

Product Application Details

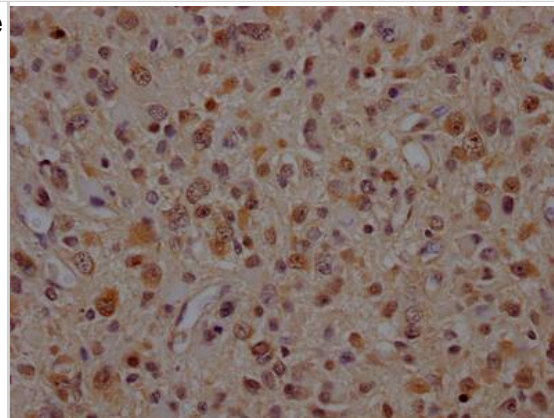
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:5000, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:20-1:200, Immunoprecipitation 1:200-1:1000

Images

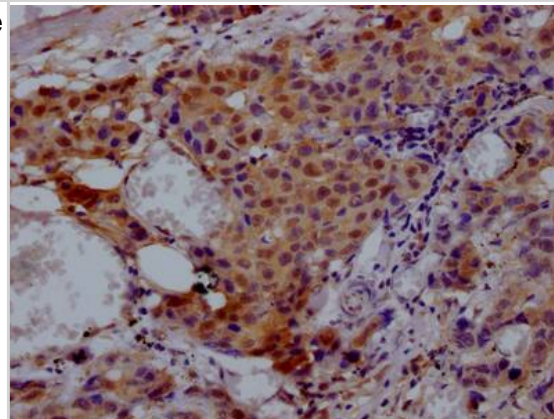
Immunoprecipitation: p97/VCP Antibody (5H12) [NBP3-26257] - Immunoprecipitating p97/VCP in U251 whole cell lysate.
 Lane 1: Rabbit control IgG instead of NBP3-26257 in U251 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000).
 Lane 2: NBP3-26257 (2ug) + U251 whole cell lysate (500ug).
 Lane 3: U251 whole cell lysate (10ug).



Immunohistochemistry: p97/VCP Antibody (5H12) [NBP3-26257] - Image of p97/VCP Antibody (5H12) diluted at 1:100 and staining in paraffin-embedded human breast cancer performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



Immunohistochemistry: p97/VCP Antibody (5H12) [NBP3-26257] - Image of p97/VCP Antibody (5H12) diluted at 1:100 and staining in paraffin-embedded human breast cancer performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



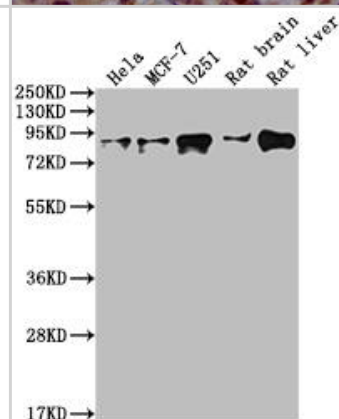
Western Blot: p97/VCP Antibody (5H12) [NBP3-26257] - Positive Western Blot detected in: Hela whole cell lysate, MCF-7 whole cell lysate, U251 whole cell lysate, Rat brain tissue, Rat liver tissue.

All lanes: p97/VCP Antibody at 1: 2000

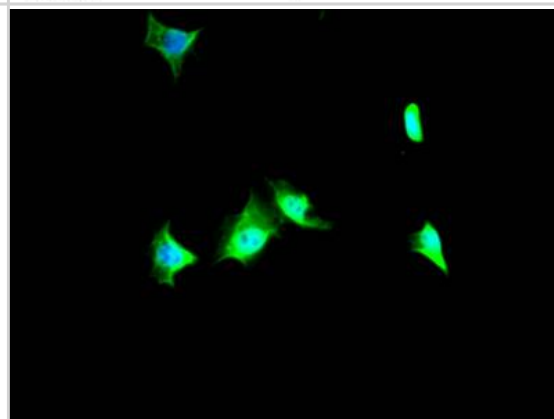
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.

Predicted band size: 90 kDa

Observed band size: 90 kDa



Immunocytochemistry/Immunofluorescence: p97/VCP Antibody (5H12) [NBP3-26257] - Staining of SY5Y Cells with p97/VCP Antibody (5H12) at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% Triton X-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated Goat Anti-Rabbit IgG (H+L).





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Products Related to NBP3-26257-100ul

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

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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