

# Product Datasheet

## **SDHB Antibody (7D12) - BSA Free** **NBP3-26332-100ul**

Unit Size: 100 ul

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

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**NBP3-26332-100ul**

SDHB Antibody (7D12) - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20 to -70C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	7D12
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, pH 7.4, 150mM NaCl, and 50% glycerol

**Product Description**

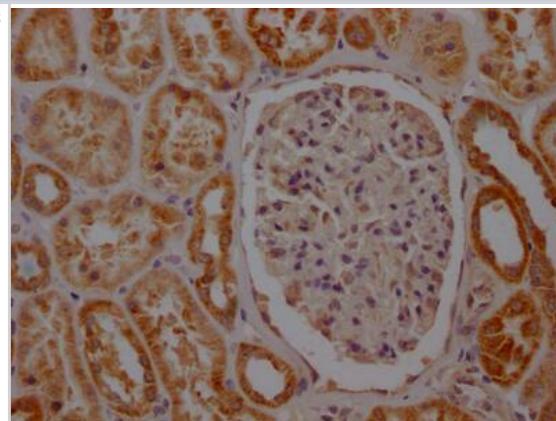
<b>Host</b>	Rabbit
<b>Gene ID</b>	6390
<b>Gene Symbol</b>	SDHB
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthesized peptide derived from Human SDHB [UniProt P21912]

**Product Application Details**

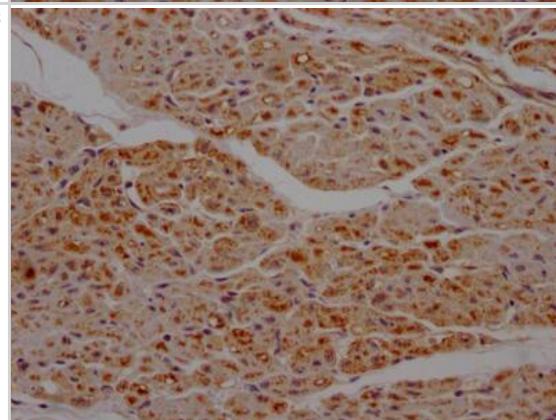
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:5000, Flow Cytometry 1:20-1:200, ELISA, Immunohistochemistry 1:50-1:200

## Images

Immunohistochemistry: SDHB Antibody (7D12) [NBP3-26332] - Image of SDHB Antibody (7D12) diluted at 1:100 and staining in paraffin-embedded human heart tissue 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: SDHB Antibody (7D12) [NBP3-26332] - Image of SDHB Antibody (7D12) diluted at 1:100 and staining in paraffin-embedded human heart tissue 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.



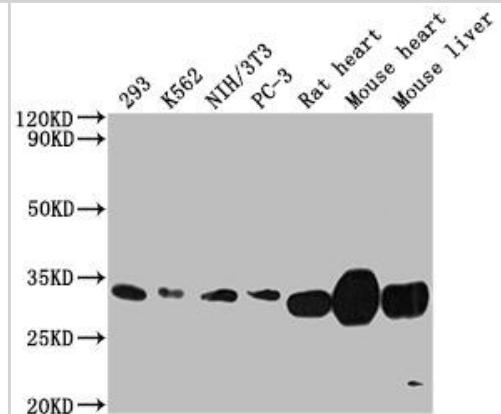
Western Blot: SDHB Antibody (7D12) [NBP3-26332] - Positive Western Blot detected in: 293 whole cell lysate, K562 whole cell lysate, NIH/3T3 whole cell lysate, PC-3 whole cell lysate, Rat heart tissue, Mouse heart tissue, Mouse liver tissue.

All lanes: SDHB Antibody at 1: 2000

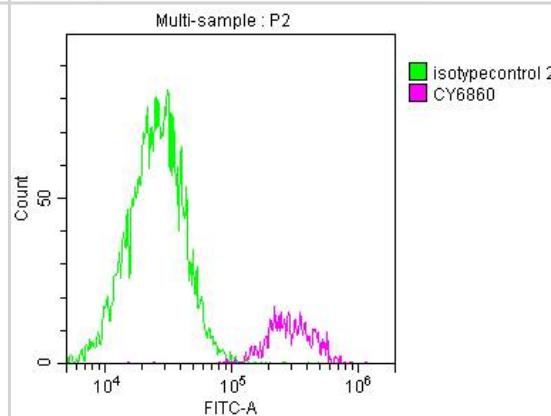
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.

Predicted band size: 32 kDa

Observed band size: 32 kDa



Flow Cytometry: SDHB Antibody (7D12) [NBP3-26332] - Overlay histogram showing 293 cells stained with SDHB Antibody (7D12) (red line) at 1:50. The cells were fixed with 70% Ethylalcohol (18h) and then incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1\*10^6 cells) for 1 h at 4C. The secondary antibody used was FITC-conjugated goat anti-rabbit IgG (H+L) at 1/200 dilution for 30min at 4C. Control antibody (green line) was Rabbit IgG (1ug/1\*10^6 cells) used under the same conditions. Acquisition of >10,000 events was performed.





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## Products Related to NBP3-26332-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-30677PEP	SDHB Recombinant Protein Antigen

## 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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