

Product Datasheet

GDNF Antibody (11D2)

NBP3-26556-100ul

Unit Size: 100 ul

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

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NBP3-26556-100ul

GDNF Antibody (11D2)

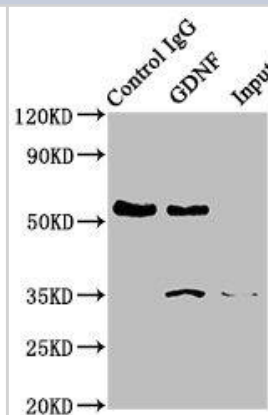
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	11D2
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol

Product Description	
Host	Rabbit
Gene ID	2668
Gene Symbol	GDNF
Species	Human
Immunogen	A synthesized peptide derived from Human GDNF [UniProt P39905]

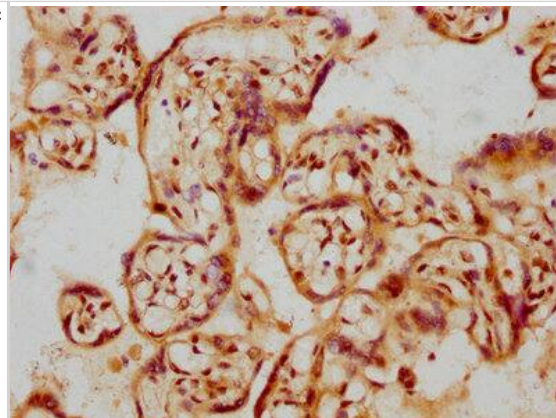
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:5000, Flow Cytometry, ELISA, Immunohistochemistry 1:50-1:200, Immunoprecipitation 1:200-1:1000

Images

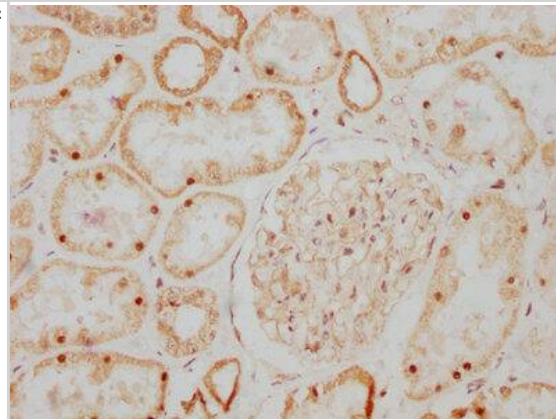
Immunoprecipitation: GDNF Antibody (11D2) [NBP3-26556] - Immunoprecipitating GDNF in HeLa whole cell lysate.
 Lane 1: Rabbit control IgG instead of NBP3-26556 in HeLa whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000).
 Lane 2: NBP3-26556 (3ug) + HeLa whole cell lysate (500ug).
 Lane 3: HeLa whole cell lysate (20ug).



Immunohistochemistry: GDNF Antibody (11D2) [NBP3-26556] - Image of GDNF Antibody (11D2) diluted at 1:107.5 and staining in paraffin-embedded human kidney 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 biotinylated secondary antibody and visualized using an HRP conjugated SP system.



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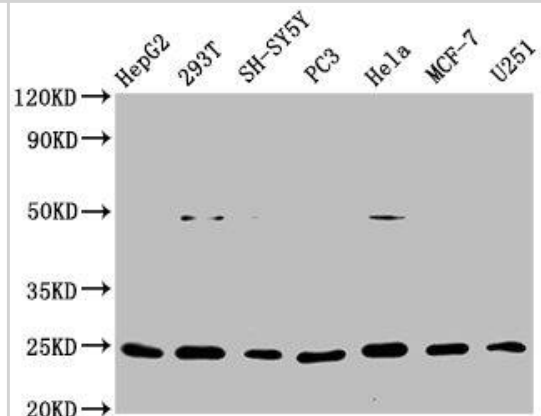
Western Blot: GDNF Antibody (11D2) [NBP3-26556] - Positive Western Blot detected in: HepG2 whole cell lysate, 293T whole cell lysate, SH-SY5Y whole cell lysate, PC3 whole cell lysate, HeLa whole cell lysate, MCF-7 whole cell lysate, U251 whole cell lysate.

All lanes: GDNF Antibody at 1ug/ml.

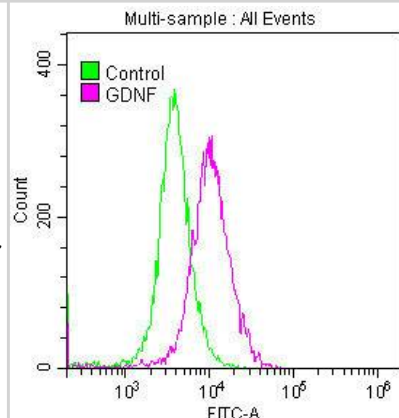
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.

Predicted band size: 24, 21, 26, 23, 19 KDa

Observed band size: 24 KDa



Flow Cytometry: GDNF Antibody (11D2) [NBP3-26556] - Overlay histogram showing SH-SY5Y cells stained with GDNF Antibody (11D2) (red line) at 1:50. The cells were fixed with 70% Ethylalcohol (18h) and then permeabilized with 0.3% Triton X-100 for 2 min. The cells were then incubated in 1x PBS /10% normal goat serum to block non-specific protein-protein interactions followed by primary antibody for 1 h at 4C. The secondary antibody used was FITC goat anti-rabbit IgG (H+L) at 1/200 dilution for 1 h at 4C. Control antibody (green line) was used under the same conditions. Acquisition of >10,000 events was performed.





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Products Related to NBP3-26556-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-34888-10ug	Recombinant Human GDNF 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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