

Product Datasheet

BDNF Antibody: Biotin (orb377477)

Description	Rabbit polyclonal antibody against BDNF conjugated to Biotin.
Species/Host	Rabbit
Reactivity	Human, Mouse
Conjugation	Biotin
Tested Applications	ELISA, ICC, IF, IHC, WB
Immunogen	Synthetic peptide from the N-terminal of human BDNF
Target	BDNF
Preservatives	136.36mM Ethanolamine, and 9.55mM Sodium Bicarbonate in 95.45% PBS
Concentration	1 mg/ml
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Application notes	A 1:1000 dilution of SPC-703 was sufficient for detection of BDNF on 293T Rapamycin-treated lysates using Goat anti-rabbit IgG:HRP as the secondary antibody.
Clonality	Polyclonal
MW	27.9kDa
Uniprot ID	P23560
NCBI	NP_001137277.1
Entrez	627
Dilution Range	WB (1:1000); ICC/IF (1:100)

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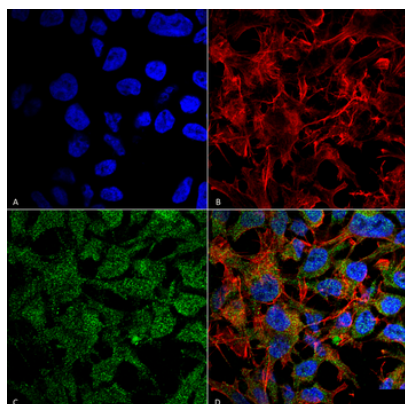
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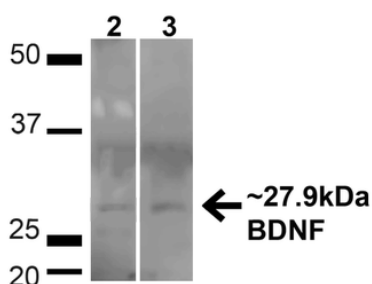
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Expiration Date

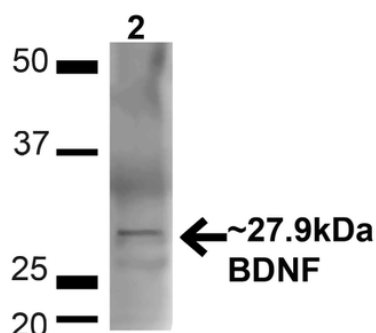
12 months from date of receipt.



Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-BDNF Polyclonal Antibody. Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Rabbit Anti-BDNF Polyclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Rabbit ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Localization: Secreted, Cytoplasm, Membrane-bound vesicle. Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) BDNF Antibody (D) Composite.



Western blot analysis of Human HeLa and HEK293T cell lysates showing detection of ~27.9 Kda BDNF protein using Rabbit Anti-BDNF Polyclonal Antibody. Lane 1: MW Ladder. Lane 2: Human HeLa (20 µg). Lane 3: Human 293T (20 µg). Load: 20 µg. Block: 5% milk + TBST for 1 hour at RT. Primary Antibody: Rabbit Anti-BDNF Polyclonal Antibody at 1:1000 for 1 hour at RT. Secondary Antibody: Goat Anti-Rabbit: HRP at 1:2000 for 1 hour at RT. Color Development: TMB solution for 12 min at RT. Predicted/Observed Size: ~27.9 Kda.



Western blot analysis of Mouse Brain showing detection of ~27.9 Kda BDNF protein using Rabbit Anti-BDNF Polyclonal Antibody. Lane 1: MW Ladder. Lane 2: Mouse Brain (20 µg). Load: 20 µg. Block: 5% milk + TBST for 1 hour at RT. Primary Antibody: Rabbit Anti-BDNF Polyclonal Antibody at 1:1000 for 1 hour at RT. Secondary Antibody: Goat Anti-Rabbit: HRP at 1:2000 for 1 hour at RT. Color Development: TMB solution for 12 min at RT. Predicted/Observed Size: ~27.9 Kda.

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