

Basic Information

Product Name	Anti-BDNF Antibody (Clone#BEH-2)	
Gene Name	BDNF	
Source	Rabbit	
Clonality	Monoclonal	
Isotype	IgG	
Species Reactivity	human, mouse, rat	
Tested Application	WB, IHC, ICC/IF	
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.	
Immunogen	A synthesized peptide derived from human BDNF	
Concentration	500 ug/ml	
Purification	Affinity-chromatography	
Observed MW	28 kDa	
Dilution Ratios	Western blot (WB):	1:500-2000
	Immunohistochemistry (IHC):	1:50-200
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-200

Storage

12 months from date of receipt, -20°C as supplied.

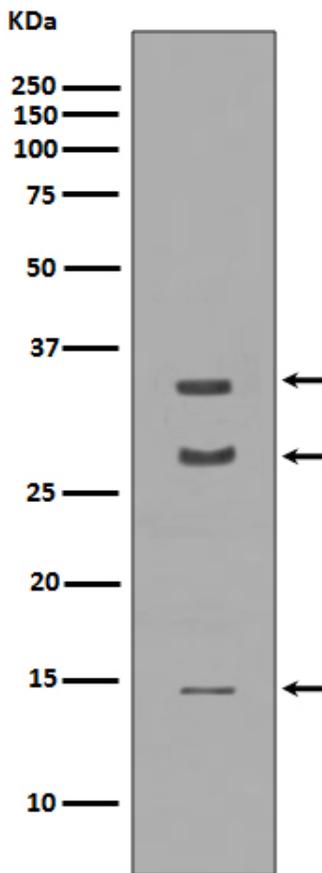
Background Information

Brain derived neurotrophic factor(BDNF) is a member of the neurotrophin family of growth factors that includes NGF, NT3, and NT4. BDNF is a prosurvival factor induced by cortical neurons that is necessary for survival of striatal neurons in the brain. BDNF is expressed within peripheral ganglia and is not restricted to neuronal target fields. BDNF has been purified and shown to reduce the amount of naturally occurring neuronal cell death in portions of the peripheral nervous system.

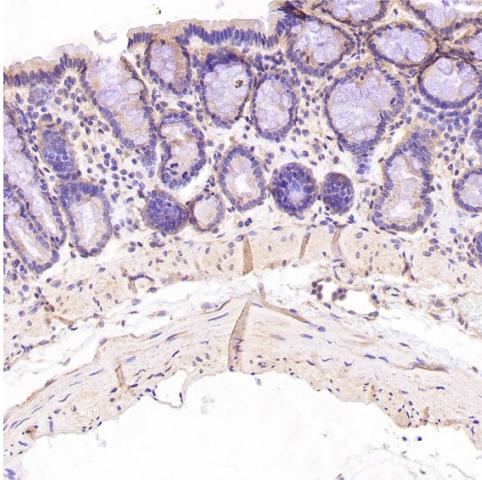
Reference

Anti-BDNF Antibody (Clone#BEH-2)被引用在17文献中。

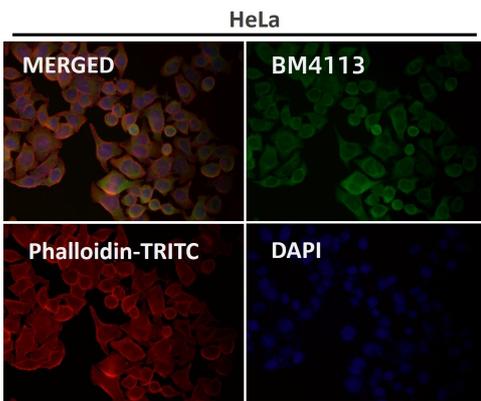
Selected Validation Data



Western blot analysis of extracts of Human cerebellum lysate, using BDNF antibody.



Immunohistochemical analysis of paraffin-embedded Rat stomach, using the Antibody.



Immunofluorescent analysis using the Antibody.