

## Product datasheet for **TA368862S**

### BDNF Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse brain tissue lysate IHC: 50-200 Positive control: Human gastric cancer Predicted cell location: Secreted
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human BDNF
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	28 kDa
Gene Name:	brain-derived neurotrophic factor
Database Link:	<a href="#">Entrez Gene 627 Human P23560</a>

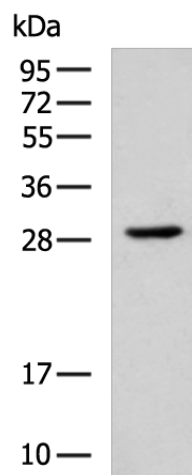
**Background:** This gene encodes a member of the nerve growth factor family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature protein. Binding of this protein to its cognate receptor promotes neuronal survival in the adult brain. Expression of this gene is reduced in Alzheimer's, Parkinson's, and Huntington's disease patients. This gene may play a role in the regulation of the stress response and in the biology of mood disorders.

**Synonyms:** Abrineurin; MGC34632; neurotrophin

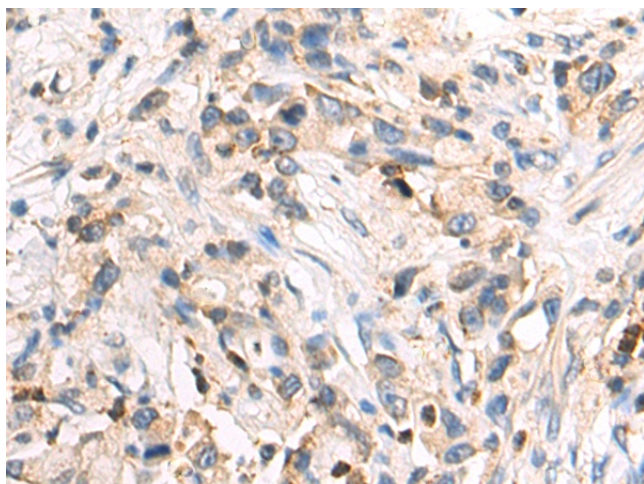


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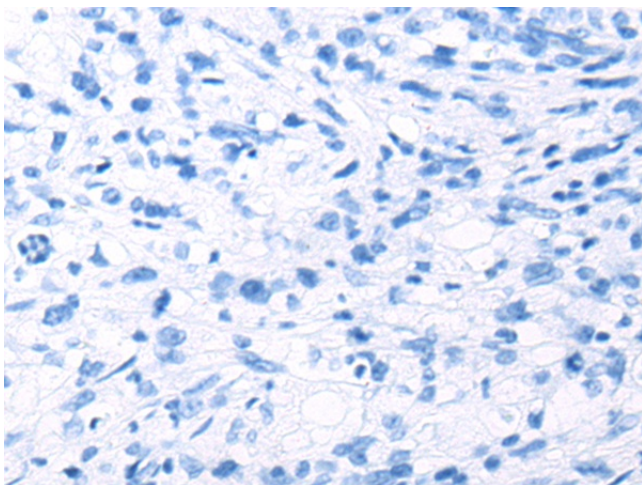
## Product images:



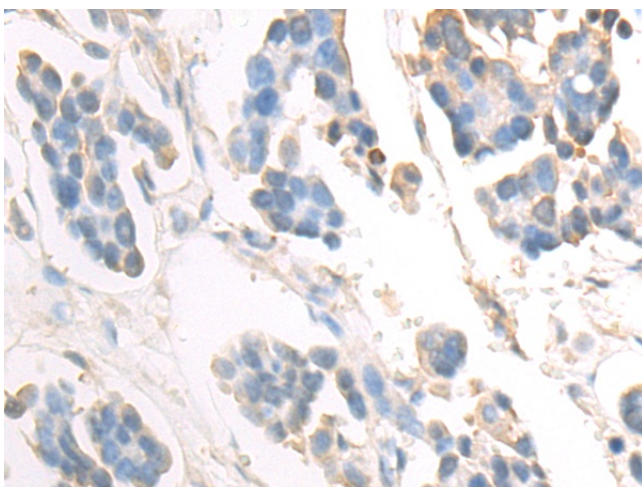
Gel: 12%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: Mouse brain tissue lysate  
Primary antibody: [TA368862] (BDNF Antibody) at dilution 1/550  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 20 seconds



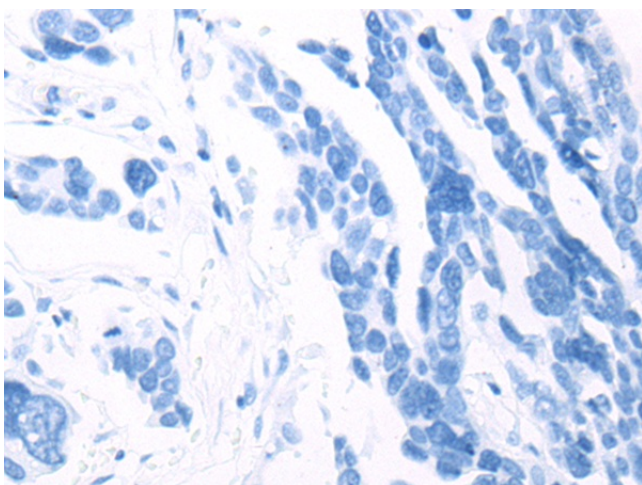
Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA368862] (BDNF Antibody) at dilution 1/50 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA368862] (BDNF Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA368862] (BDNF Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA368862] (BDNF Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)