

BDNF Antibody

Catalog No: #32263

Package Size: #32263-1 50ul #32263-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

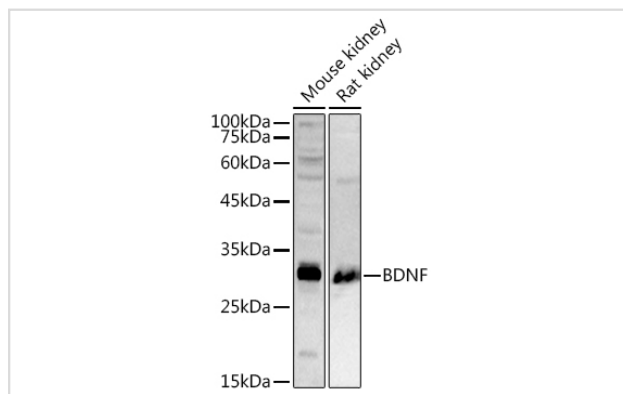
Description

Product Name	BDNF Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total BDNF protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human BDNF (NP_733928.1).
Conjugates	Unconjugated
Target Name	BDNF
Other Names	BDNF;ANON2;BULN2
Accession No.	Uniprot:P23560GeneID:627
SDS-PAGE MW	28KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using BDNF antibody.

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.

Published Papers

el at., The Effects of Perinatal Steroid Therapy on Growth Factor Levels During Different Stages of the Developing Brain. In J Matern Fetal Neonatal Med

on 2017 Aug by Bur?in ??can, Funda Tuzun, et al..PMID:28052712, , (2017)

[PMID:28052712](#)

el at., An in vivo explorative study to observe the protective effects of Puerariae flos extract on chronic ethanol exposure and withdrawal male mice. In Biomed Pharmacother on 2021 May by Bo Jiang, Wenhui Yang,et al..PMID:33524786, , (2021)

[PMID:33524786](#)

Yuwen Liu;Jiping Liu;Naping Hu;Zhengrong Li;Anqi Liu;Ruyue Luo;Siyu Du;Dongyan Guo;Jiankang Li;Jialin Duan el at., Classical prescription Daqinjiao decoction inhibit cerebral ischemia/reperfusion induced necroptosis and ferroptosis through multiple mechanisms., , (2025)

[PMID:39736347](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.