

Datasheet for ABIN7245608

anti-BDNF antibody

3 Images

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Overview

Quantity:	200 µL
Target:	BDNF
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BDNF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Fusion protein of human BDNF
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	BDNF
Alternative Name:	BDNF (BDNF Products)
Background:	BDNF is a member of the nerve growth factor family. It is induced by cortical neurons, and is necessary for survival of striatal neurons in the brain. Expression of BDNF is reduced in both Alzheimer's and Huntington disease patients. It plays a role in the regulation of stress response and in the biology of mood disorders.

Target Details

Molecular Weight:	Observed_MW: Refer to figures Calculated_MW: 28 kDa
UniProt:	P23560
Pathways:	RTK Signaling , Synaptic Membrane , Feeding Behaviour , Dicarboxylic Acid Transport , Regulation of long-term Neuronal Synaptic Plasticity

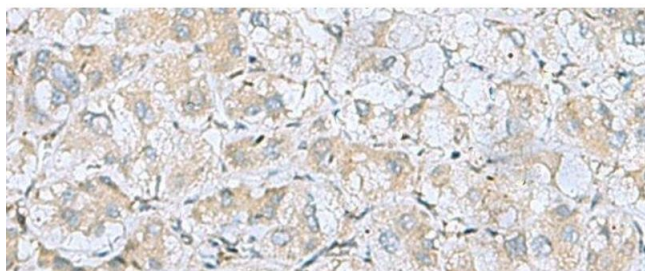
Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:100, ELISA 1:5000-1:10000
Restrictions:	For Research Use only

Handling

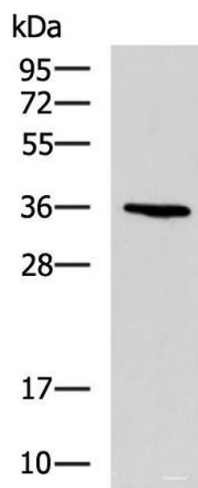
Format:	Liquid
Concentration:	1.14 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



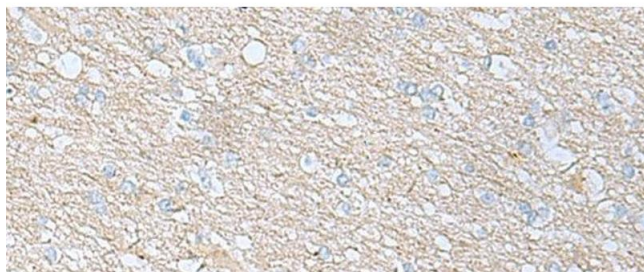
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using BDNF Polyclonal Antibody at dilution of 1:65(x200)



Western Blotting

Image 2. Western blot analysis of A549 cell lysate using BDNF Polyclonal Antibody at dilution of 1:900



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human brain tissue using BDNF Polyclonal Antibody at dilution of 1:65(x200)