antibodies

Datasheet for ABIN392182 anti-Neurotrophin 3 antibody (AA 122-151)





Overview

Quantity:	400 µL
Target:	Neurotrophin 3 (NTF3)
Binding Specificity:	AA 122-151
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neurotrophin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This NTF3 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 122-151 amino acids from the Central region of human NTF3.
Clone:	RB14463
Isotype:	Ig Fraction
Predicted Reactivity:	B, C, M, Pig, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by
	dialysis against PBS.

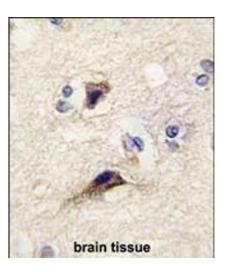
Target:

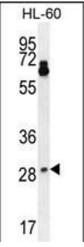
Neurotrophin 3 (NTF3)

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Target Details	
Alternative Name:	NTF3 (NTF3 Products)
Background:	NTF3 is a member of the neurotrophin family that controls survival and differentiation of mammalian neurons. This protein is closely related to both nerve growth factor and brain- derived neurotrophic factor. It may be involved in the maintenance of the adult nervous system, and may affect development of neurons in the embryo when it is expressed in human placenta. NTF3-deficient mice generated by gene targeting display severe movement defects of the limbs. The mature peptide of this protein is identical in all mammals examined including human, pig, rat and mouse.
Molecular Weight:	29355
Gene ID:	4908
NCBI Accession:	NP_001096124, NP_002518
UniProt:	P20783
Pathways:	RTK Signaling, Neurotrophin Signaling Pathway
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human brain tissue reacted with NTF3 antibody (Center) (ABIN392182 and ABIN2841893) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. NTF3 Antibody (Center) (ABIN392182 and ABIN2841893) western blot analysis in HL-60 cell line lysates ($35 \mu g$ /lane).This demonstrates the NTF3 antibody detected the NTF3 protein (arrow).

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