

Datasheet for ABIN263181

anti-Neurotrophin 4 antibody (Internal Region)



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1 Image

Overview

Quantity:	100 µg
Target:	Neurotrophin 4 (NTF4)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Neurotrophin 4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Neurotrophin 5 / NT4
Immunogen:	Peptide with sequence FETRCKADNAEEG, from the internal region of the protein sequence according to NP_006170.1.
Sequence:	FETRCKADNA EEG
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	Neurotrophin 4 (NTF4)
Alternative Name:	NTF5 (NTF4 Products)
Background:	NT4, neurotrophin 5 (neurotrophin 4/5) , NTF5, NT-4/5, NT5, NTF4, neurotrophic factor 4, neurotrophic factor 5, neurotrophin 4, neurotrophin 5
Gene ID:	4909
NCBI Accession:	NP_006170
Pathways:	RTK Signaling

Application Details

Application Notes:	Western Blot: Approx 55 kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 22.4 kDa according to NP_006170.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Ghinelli et al, Inve Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Image 1. ABIN263181 (0.1µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.