Datasheet for ABIN548541

anti-Nerve Growth Factor antibody (C-Term)

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Overview

Quantity:	100 µg
Target:	Nerve Growth Factor (NGF)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nerve Growth Factor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of NGF.
Immunogen:	A synthetic peptide corresponding to amino acids at C-terminus of human NGF.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat

Target Details

Target:	Nerve Growth Factor (NGF)
Alternative Name:	NGF (NGF Products)
Gene ID:	4803
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Western Blot (1 µg/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (2 µg/mL) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

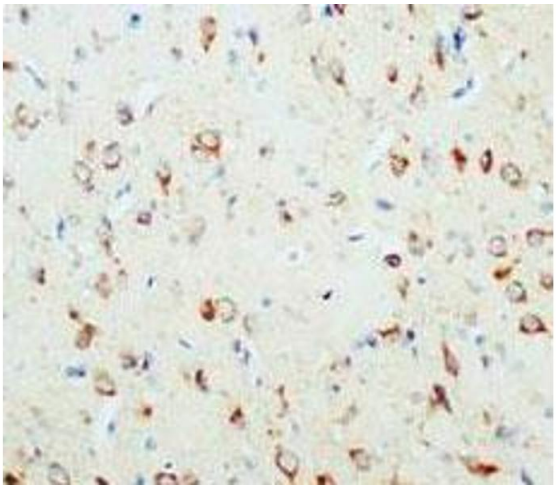
Format:	Lyophilized
Buffer:	Lyophilized from 0.9 mg NaCl, 0.2 mg Na_2HPO_4 (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)
Preservative:	Sodium azide, Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate) and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C on dry atmosphere. After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Einarsdottir, Carlsson, Minde, Toolanen, Svensson, Solders, Holmgren, Holmberg, Holmberg: "A mutation in the nerve growth factor beta gene (NGFB) causes loss of pain perception." in: **Human molecular genetics**, Vol. 13, Issue 8, pp. 799-805, (2004) (PubMed).

Western Blotting

Image 1. Western blot analysis of rat brain tissue lysate. Using NGF polyclonal antibody .



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded rat brain sections, stain NGF in cytoplasm DAB chromogenic reaction.

