



Rabbit Anti-Human NGF monoclonal antibody, clone S533 (CABT-ZB1052)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Human NGF
Target	NGF
Immunogen	Recombinant Human NGF/NGFB/beta-NGF Protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	S533
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(det) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB733 - CABT-ZB1052 This antibody will detect NGF in antibody pair set. [ABPR-ZB313]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human NGF / NGFB / beta-NGF.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL

Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Nerve growth factor (NGF) is important for the development and maintenance of the sympathetic and sensory nervous systems. NGF protein was identified as a large complex consisting of three non-covalently linked subunits, α , β , and γ , among which, the β subunit, called β -NGF (beta-NGF), was demonstrated to exhibit the growth-stimulating activity of NGF protein. NGFB/beta-NGF gene is a member of the NGF-beta family and encodes a secreted protein that homodimerizes and is incorporated into a larger complex. NGF protein acts via at least two receptors on the surface of cells (TrkA and p75 receptors) to regulate neuronal survival, promote neurite outgrowth, and up-regulate certain neuronal functions such as mediation of pain and inflammation. Also, previous studies indicated that NGF may also have an important role in the regulation of the immune system.
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Keywords	NGF; Beta-NGF; HSAN5; NGFB
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GENE INFORMATION

Synonyms	NGF; Beta-NGF; HSAN5; NGFB; PG110; ABT-110
Entrez Gene ID	4803
UniProt ID	P01138