

Agrisera

This product is **for research use only** (not for diagnostic or therapeutic use)

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Product no **AS13 2692**
NGF | Nerve growth factor

Product information

Background	Nerve growth factor is important for the development and maintenance of the sympathetic and sensory nervous systems. It stimulates division and differentiation of sympathetic and embryonic sensory neurons. Homodimer, associated by noncovalent forces. It belongs to the NGF-beta family.
Immunogen	Native mouse beta NGF purified from submaxillary salivary gland.
Host	Rabbit
Clonality	Polyclonal
Purity	Protein G purified IgG
Format	Lyophilized
Quantity	500 µl
Reconstitution	For reconstitution add 500 µl of sterile water.
Storage	After reconstitution keep aliquots at -20°C for a higher stability, and at 4°C with an appropriate antibacterial agent. Glycerol (1:1) may be added for an additional stability. Avoid repetitive freeze/thaw cycles.
Tested applications	Immunohistochemistry (IHC), 1-site ELISA (ELISA), Western blot (WB), immunoblot.

Application information

Recommended dilution	A concentration of 1-3 µg/ml is recommended for IHC, western blot and immunoblot, and ELISA. Use neat for in vivo studies at 2-10 µg/ml (ED50). This antibody was tested on cultured sensory neurons supported by 100ng/ml of purified mouse beta NGF. Be advised that 2ug/ml will neutralize 100ng/ml of mouse NGF. The higher 10ug/ml is only recommended if the concentration of NGF being used is higher than 100ng/ml such as the 200 or 500ng/ml that is occasionally used in some culture systems. This antiserum completely inhibits neuronal survival and the outgrowth actions of murine NGF in chicken DRG in vitro. Optimal dilutions is determined by the end user.
Confirmed reactivity	Rat, Mouse, Human
Not reactive in	Bovine

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