

Rabbit Anti-Neurotrophin 3 antibody

SL41378R

Product Name Neurotrophin 3

Chinese Name 神经营养因子-3 前蛋白抗体

Alias HDNF; MGC129711; Nerve growth factor 2; Neurotrophic factor; Neurotrophin 3 precursor; Neurotrophin-3; Neurotrophin3; NGF 2; NGF-2; NGF2; NT 3; NT-3; NT3; NTF 3; NTF3; NTF3_HUMAN.

Research Area immunology Neurobiology

Immunogen Species Rabbit

Clonality Polyclonal

React Species Human Mouse Rat

Applications WB=1:500-2000,ELISA=1:5000-10000
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 28kDa

Cellular localization Secretory protein

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human Neurotrophin 3

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution Human,Mouse,Rat1M TBS(pH7.4) with 1% BSA, Human,Mouse,Rat3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed [PubMed](#)

Product The protein encoded by this gene is a member of the neurotrophin family, that controls

Detail

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. [provided by RefSeq, Jul 2008].

SWISS:
P20783

Gene ID:
4908

Database links:

[Entrez Gene: 4908](#) Human

[Entrez Gene: 18205](#) Mouse

[Entrez Gene: 81737](#) Rat

[Omim: 162660](#) Human

[SwissProt: P20783](#) Human

[SwissProt: P20181](#) Mouse

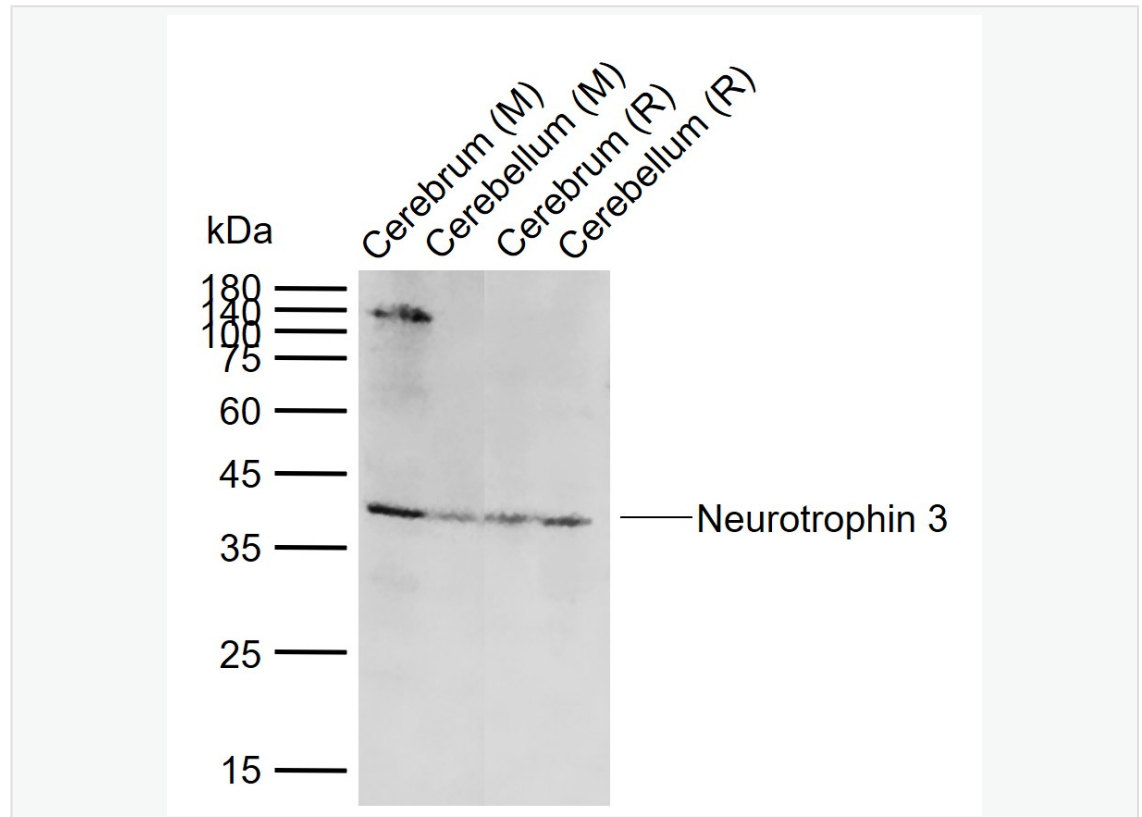
[SwissProt: P18280](#) Rat

[Unigene: 99171](#) Human

[Unigene: 267570](#) Mouse

[Unigene: 9715](#) Rat

**Product
Picture**



Sample:

Lane 1: Mouse Cerebrum tissue lysates

Lane 2: Mouse Cerebellum tissue lysates

Lane 3: Rat Cerebrum tissue lysates

Lane 4: Rat Cerebellum tissue lysates

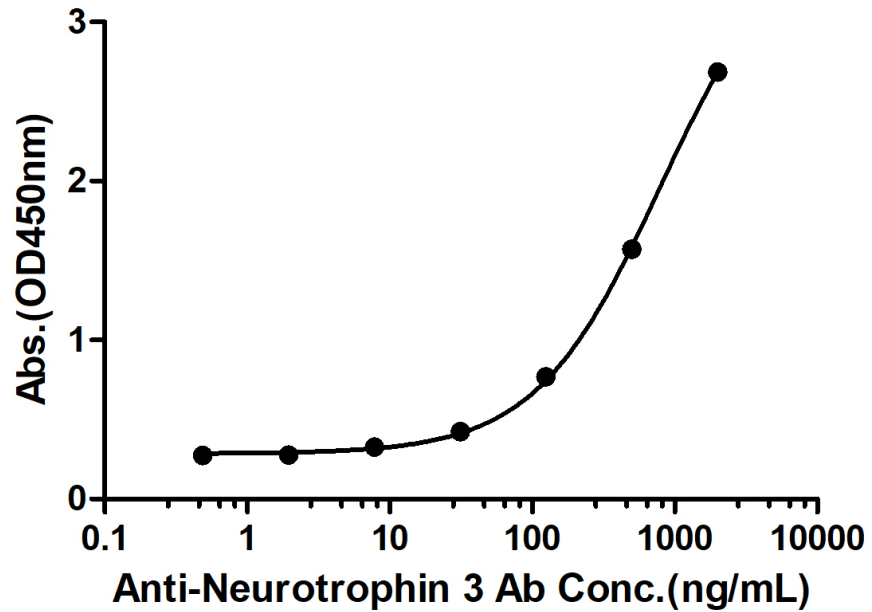
Primary: Anti-Neurotrophin 3 (SL41378R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 28 kDa

Observed band size: 40 kDa

Rabbit Anti-Human Neurotrophin 3 Antibody Bind with Human Neurotrophin 3 protein, His Tag



Measured by its binding ability in a indirect ELISA. Immobilized Human Neurotrophin 3 protein, His Tag (Cat. SL41378P) at 2 $\mu\text{g/mL}$ (100 $\mu\text{L/well}$) can bind Rabbit Anti-Human Neurotrophin 3 Antibody, the EC50 is 779.5 ng/mL.