

**Product Name: NT-3 Rabbit Polyclonal Antibody**  
**Catalog #: APRab14917**



## Summary

<b>Production Name</b>	NT-3 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	IHC-P,IF-P,IF-F,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	NTF3
<b>Alternative Names</b>	Neurotrophin-3 (NT-3;HDNF;Nerve growth factor 2;NGF-2;Neurotrophic factor)
<b>Gene ID</b>	4908.0
<b>SwissProt ID</b>	P20783.Synthetic peptide from human protein at AA range: 180-230

## Application

<b>Dilution Ratio</b>	IHC-P 1:50-200, ELISA 1:10000-20000, IF-P/IF-F/ICC/IF 1:50-200
<b>Molecular Weight</b>	

## Background

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

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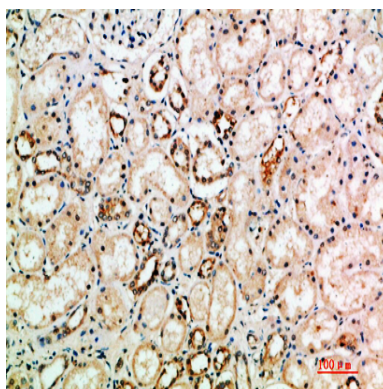


mammalian neurons. This protein is closely related to both nerve growth factor and brain-derived neurotrophic factor. It may be involved in the maintenance of the adult nervous system, and may affect development of neurons in the embryo when it is expressed in human placenta. NTF3-deficient mice generated 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],function:Seems to promotes the survival of visceral and proprioceptive sensory neurons.,polymorphism:Variant Glu-76 (frequently reported as Glu-63) was thought to be associated with severe forms of schizophrenia. This does not seem to be the case.,similarity:Belongs to the NGF-beta family.,tissue specificity:Brain and peripheral tissues.,

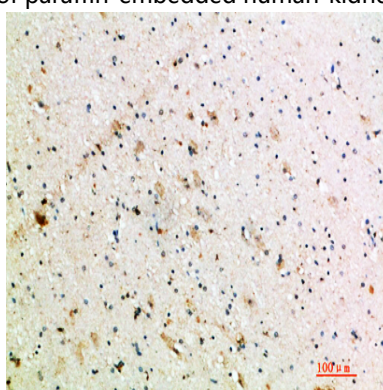
## Research Area

MAPK\_ERK\_Growth;MAPK\_G\_Protein;Neurotrophin;

## Image Data



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

## Note

For research use only.