

# NTF3 Rabbit pAb

Catalog No.: A3179

## Basic Information

### Observed MW

29kDa

### Calculated MW

29kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse

## Background

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

## Recommended Dilutions

WB 1:50 - 1:200

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

4908

### Swiss Prot

P20783

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 19-257 of human NTF3 (NP\_002518.1).

### Synonyms

NT3; HDNF; NGF2; NT-3; NGF-2; NTF3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

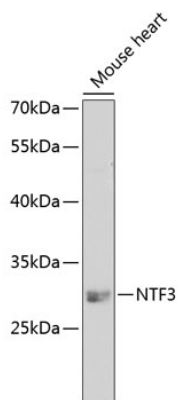
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

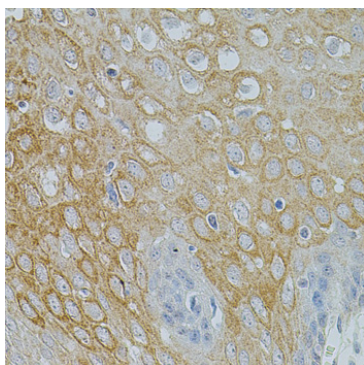
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

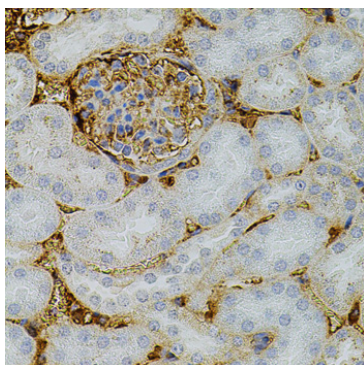
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Western blot analysis of lysates from mouse heart, using NTF3 Rabbit pAb (A3179) at 1:200 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry analysis of paraffin-embedded human esophagus using NTF3 Rabbit pAb (A3179) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using NTF3 Rabbit pAb (A3179) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.