

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	Swiss Prot
4908	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

 | www.abclonal.com

Product Information

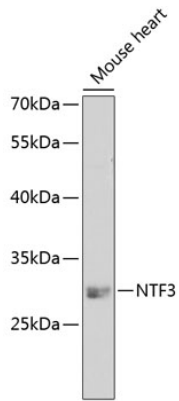
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

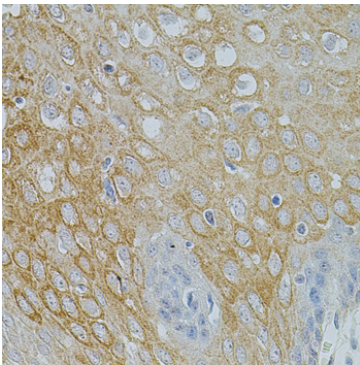
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

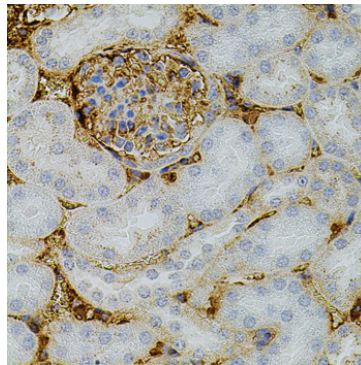
Validation Data



Western blot analysis of extracts of mouse heart, using NTF3 antibody (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 antibody (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 antibody (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.