

NT-4 Polyclonal Antibody

Catalog No: YT3197

Reactivity: Human; Mouse; Rat

Applications: IHC;IF;ELISA

Target: NT-4

Fields: >>MAPK signaling pathway;>>Ras signaling pathway;>>PI3K-Akt signaling

pathway;>>Neurotrophin signaling pathway

Gene Name: NTF4

Protein Name: Neurotrophin-4

P34130

Q80VU4

Human Gene Id: 4909

Human Swiss Prot

No:

Mouse Gene Id: 78405

Mouse Swiss Prot

No:

Rat Gene Id: 25730

Rat Swiss Prot No: P34131

Immunogen : The antiserum was produced against synthesized peptide derived from human

NT-4. AA range:71-120

Specificity: NT-4 Polyclonal Antibody detects endogenous levels of NT-4 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution : IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200

1/3



Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 22kD

Cell Pathway : MAPK_ERK_Growth;MAPK_G_Protein;Neurotrophin;

Background : This gene is a member of a family of neurotrophic factors, neurotrophins, that

control survival and differentiation of mammalian neurons. The expression of this gene is ubiquitous and less influenced by environmental signals. While knockouts of other neurotrophins including nerve growth factor, brain-derived neurotrophic factor, and neurotrophin 3 prove lethal during early postnatal development, NTF5-deficient mice only show minor cellular deficits and develop

normally to adulthood. [provided by RefSeq, Jul 2008],

Function: function: Target-derived survival factor for peripheral sensory sympathetic

neurons., similarity: Belongs to the NGF-beta family., tissue specificity: Highest levels in prostate, lower levels in thymus, placenta, and skeletal muscle.

Expressed in embryonic and adult tissues.,

Subcellular Location :

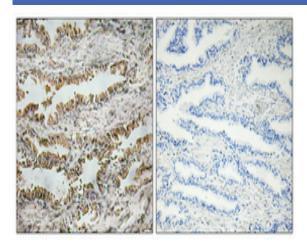
Expression :

Secreted.

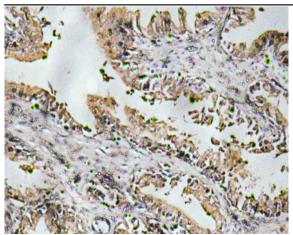
Highest levels in prostate, lower levels in thymus, placenta, and skeletal muscle.

Expressed in embryonic and adult tissues.

Products Images



Immunohistochemical analysis of paraffin-embedded Human prostate cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.



Immunohistochemistry analysis of NT-4 antibody in paraffinembedded human prostate carcinoma tissue.