

## NT-4 Polyclonal Antibody

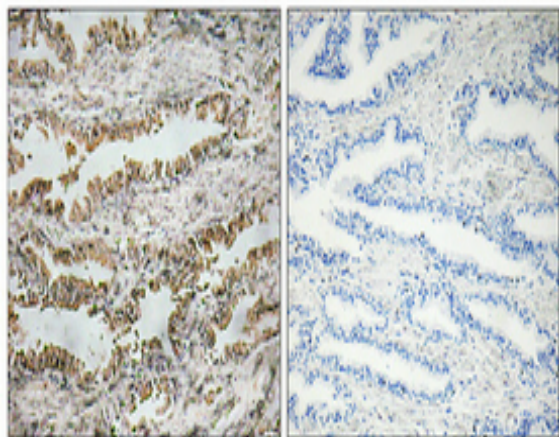
<b>Catalog No :</b>	YT3197
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	NT-4
<b>Fields :</b>	>>MAPK signaling pathway;>>Ras signaling pathway;>>PI3K-Akt signaling pathway;>>Neurotrophin signaling pathway
<b>Gene Name :</b>	NTF4
<b>Protein Name :</b>	Neurotrophin-4
<b>Human Gene Id :</b>	4909
<b>Human Swiss Prot No :</b>	P34130
<b>Mouse Gene Id :</b>	78405
<b>Mouse Swiss Prot No :</b>	Q80VU4
<b>Rat Gene Id :</b>	25730
<b>Rat Swiss Prot No :</b>	P34131
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human NT-4. AA range:71-120
<b>Specificity :</b>	NT-4 Polyclonal Antibody detects endogenous levels of NT-4 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200

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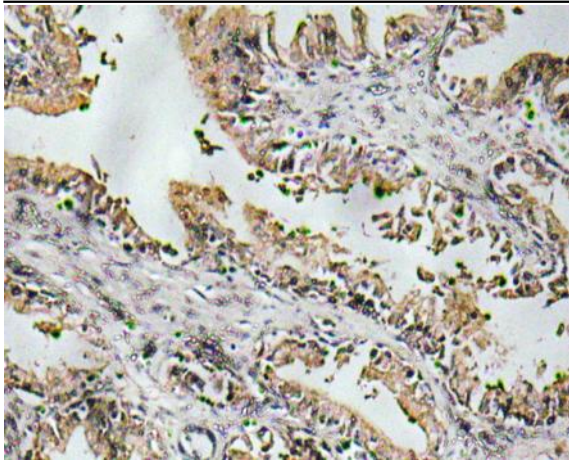
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	22kD
<b>Cell Pathway :</b>	MAPK_ERK_Growth;MAPK_G_Protein;Neurotrophin;
<b>Background :</b>	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 knock-outs 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],
<b>Function :</b>	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.,
<b>Subcellular Location :</b>	Secreted.
<b>Expression :</b>	Highest levels in prostate, lower levels in thymus, placenta, and skeletal muscle. Expressed in embryonic and adult tissues.

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## 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. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



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