



Datasheet for ABIN725615  
**anti-Neurotrophin 4 antibody (AA 121-210)**



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	Neurotrophin 4 (NTF4)
Binding Specificity:	AA 121-210
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neurotrophin 4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NT-4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Neurotrophin 4 (NTF4)
Alternative Name:	Neurotrophin 4 ( <a href="#">NTF4 Products</a> )

## Target Details

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Background:	Synonyms: NT4, NT5, NT-4, NT-5, NTF5, GLC1, GLC10, NT-4/5, Neurotrophin-4, Neurotrophin-5, Neurotrophic factor 4, NTF4 Background: Neurotrophin 4 (NT4, synonymous with NT5) belongs to the NGF beta family and is a survival factor for peripheral sensory sympathetic neurons. The expression of this gene is ubiquitous and less influenced by environmental signals. NT4 levels are highest in the prostate, with lower levels in thymus, placenta, and skeletal muscle. NT4 is also expressed in embryonic and adult tissues.
Gene ID:	4909
UniProt:	<a href="#">P34130</a>
Pathways:	<a href="#">RTK Signaling</a>

## Application Details

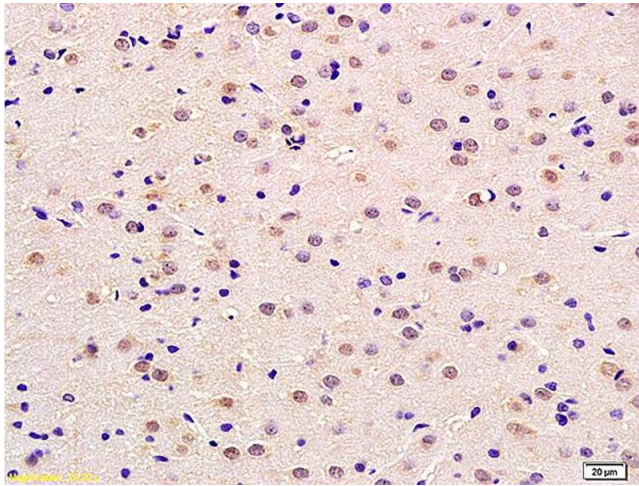
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Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

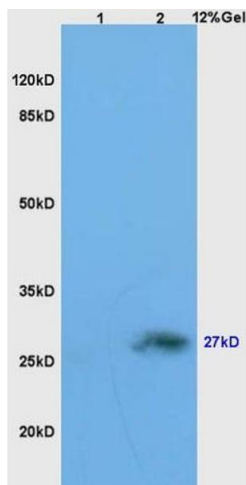
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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded rat brain labeled with Anti-Neurotrophin 4/NT-4/NT-5 Polyclonal Antibody, Unconjugated (ABIN725615) at 1:200 followed by conjugation to the secondary antibody and DAB staining



### SDS-PAGE

**Image 2.** L1 mouse embryo lysates L2 mouse brain lysates probed with Anti Neurotrophin 4/NT-4/NT-5 Polyclonal Antibody, Unconjugated (ABIN725615) at 1:200 overnight at 4 °C. Followed by conjugation to secondary antibody at 1:3000 for 90 min at 37 °C. Predicted band 14/27kDa. Observed band size:27kD.