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Quantity:	100 μL
Target:	CNTF
Binding Specificity:	AA 2-198
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNTF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## **Product Details**

Purpose:	Polyclonal Antibody to Ciliary Neurotrophic Factor (CNTF)	
Immunogen:	Recombinant Ciliary Neurotrophic Factor (CNTF) corresdonding to Ala2~Met198 (Accession # P51642)	
Isotype:	IgG	
Specificity:	The antibody is a rabbit polyclonal antibody raised against CNTF. It has been selected for its ability to recognize CNTF in immunohistochemical staining and western blotting.	
Cross-Reactivity:	Rat	
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography	

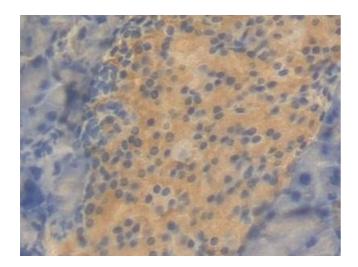
## Target Details

Target:	CNTF
Alternative Name:	Ciliary Neurotrophic Factor (CNTF Products)
Background:	HCNTF
Pathways:	JAK-STAT Signaling

## Application Details

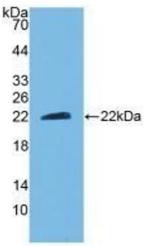
Application Notes:	Western blotting: 0.5-2 $\mu$ g/mL Immunocytochemistry in formalin fixed cells: 5-20 $\mu$ g/mL Immunohistochemistry in formalin fixed frozen section: 5-20 $\mu$ g/mL Immunohistochemistry in paraffin section: 5-20 $\mu$ g/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



## **Immunohistochemistry**

**Image 1.** Detection of CNTF in Mouse Pancreas Tissue using Polyclonal Antibody to Ciliary Neurotrophic Factor (CNTF)



## **Western Blotting**

**Image 2.** Detection of Recombinant CNTF, Mouse using Polyclonal Antibody to Ciliary Neurotrophic Factor (CNTF)