

Datasheet for ABIN6260918  
**anti-CNTF antibody (C-Term)**[Go to Product page](#)

2 Images

1 Publication

## Overview

Quantity:	100 µL
Target:	CNTF
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNTF antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF)

## Product Details

Immunogen:	A synthesized peptide derived from human CNTF, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	CNTF Antibody detects endogenous levels of total CNTF.
Predicted Reactivity:	Horse,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	CNTF
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## Target Details

Alternative Name:	CNTF ( <a href="#">CNTF Products</a> )
Background:	Description: CNTF is a survival factor for various neuronal cell types. Seems to prevent the degeneration of motor axons after axotomy. Gene: CNTF
Molecular Weight:	23kDa
Gene ID:	1270
UniProt:	<a href="#">P26441</a>
Pathways:	<a href="#">JAK-STAT Signaling</a>

## Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

## Handling

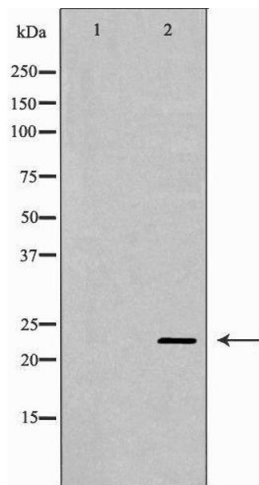
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

## Publications

Product cited in:	Zhu, Zhang, Yan, Li, Cui, Zhu, Xia, Yang, Yuan, Chen, Luo, Chen, Xing, Lu, Wu: "LncRNA16 is a potential biomarker for diagnosis of early-stage lung cancer that promotes cell proliferation by regulating the cell cycle." in: <b>Oncotarget</b> , Vol. 8, Issue 5, pp. 7867-7877, (2018) ( <a href="#">PubMed</a> ).
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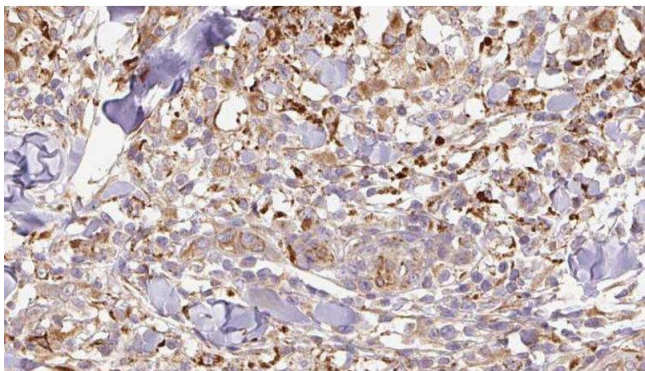
Huang, Song, Tao, Shao, Zeng, Xu, Qi, Sun: "Ovostatin 2 knockdown significantly inhibits the growth, migration, and tumorigenicity of cutaneous malignant melanoma cells." in: **PLoS ONE**, Vol. 13, Issue 4, pp. e0195610, (2018) ([PubMed](#)).

Yuan, Xi, Chen, Zhu, Kang, Zou, Wang, Bu: "STAT3 stimulates adipogenic stem cell proliferation and cooperates with HMGA2 during the early stage of differentiation to promote adipogenesis." in: **Biochemical and biophysical research communications**, Vol. 482, Issue 4, pp. 1360-1366, (2017) ([PubMed](#)).



Western Blotting

**Image 1.** Western blot analysis of extracts of Mouse muscle, using CNTF antibody. The lane on the left is treated with the antigen-specific peptide.



Immunohistochemistry

**Image 2.** ABIN6276952 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary