Tel:240-252-7368(USA)
Fax:240-252-7376(USA)
www.elabscience.com
E-mail:techsupport@elabscience.com
Elabscience Biotechnology Inc.

Elabscience®

CNTF Polyclonal Antibody

Catalog No.	E-AB-40235		**Reactivity**	H
Storage	Store at -20℃. Avoid freeze / thaw cycles.		**Host**	Rabbit
Applications	IHC		**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images
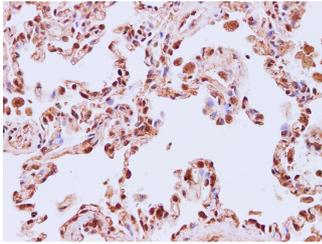
Immunohistochemistry of paraffin-embedded Human lung using CNTF Polyclonal Antibody at dilution of 1:200

Immunogen Information

Immunogen	Recombinant Human Ciliary neurotrophic factor protien
Swissprot	P26441
Synonyms	Ciliary neurotrophic factor,CNTF,HCNTF

Product Information

Buffer	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.
Purify	Affinity purification
Dilution	IHC 1:50-1:200

Background

CNTF (Ciliary Neurotrophic Factor) is a Protein Coding gene. Diseases associated with CNTF include Motor Neuron Disease and Amyotrophic Lateral Sclerosis 19. Among its related pathways are Innate Immune System and Neural Stem Cell Differentiation Pathways and Lineage-specific Markers. GO annotations related to this gene include growth factor activity and ciliary neurotrophic factor receptor binding.The protein encoded by this gene is a polypeptide hormone whose actions appear to be restricted to the nervous system where it promotes neurotransmitter synthesis and neurite outgrowth in certain neuronal populations. The protein is a potent survival factor for neurons and oligodendrocytes and may be relevant in reducing tissue destruction during inflammatory attacks. A mutation in this gene, which results in aberrant splicing, leads to ciliary neurotrophic factor deficiency, but this phenotype is not causally related to neurologic disease. A read-through transcript variant composed of the upstream ZFP91 gene and CNTF sequence has been identified, but it is thought to be non-coding. Read-through transcription of ZFP91 and CNTF has also been observed in mouse.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.