

# Product Datasheet

## CEBP epsilon Antibody - BSA Free NBP1-85446

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 3

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Updated 12/2/2025 v.20.1

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**NBP1-85446**

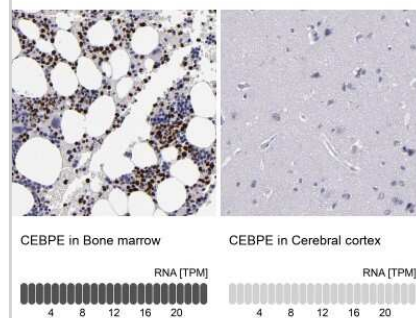
CEBP epsilon Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit CEBP epsilon Antibody - BSA Free (NBP1-85446) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-CEBP epsilon Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1053
<b>Gene Symbol</b>	CEBPE
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID:31912614).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: SHGTYYECEPRGGQQPLEFSGGRAGPGELGDMCEHEASIDLSAYIESGEEQL LSDLFAVKPAPEARGLKGPPTPAFPHYLPDPRPFAYPPHTFGPDRKALGPGI YSSPGSYDPRAVAVKEEPR
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

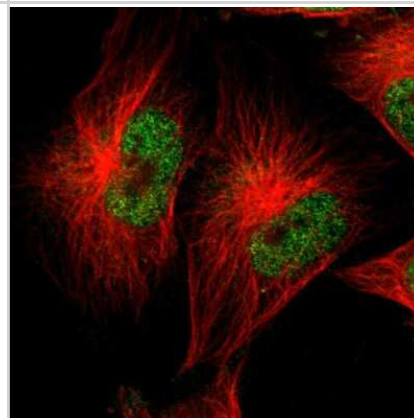


## Images

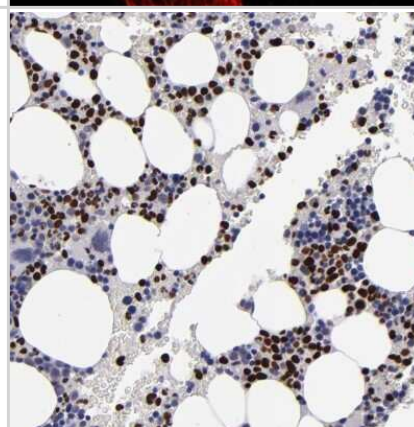
Immunohistochemistry-Paraffin: CEBP epsilon Antibody [NBP1-85446] - Staining in human bone marrow and cerebral cortex tissues using anti-CEBPE antibody. Corresponding CEBPE RNA-seq data are presented for the same tissues.



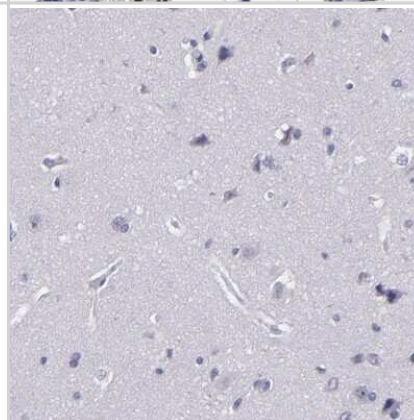
Immunocytochemistry/Immunofluorescence: CEBP epsilon Antibody [NBP1-85446] - Staining of human cell line U-251 MG shows localization to nucleoplasm. Antibody staining is shown in green.



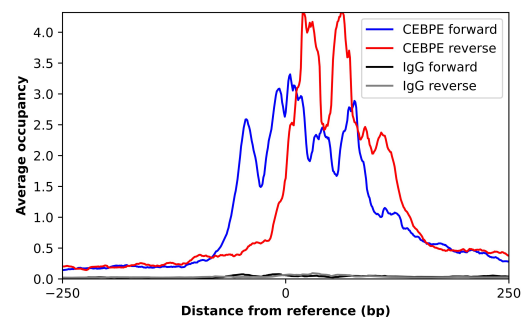
Immunohistochemistry-Paraffin: CEBP epsilon Antibody [NBP1-85446] - Staining of human bone marrow shows high expression.



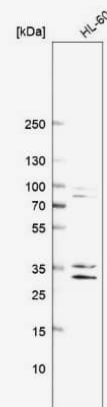
Immunohistochemistry-Paraffin: CEBP epsilon Antibody [NBP1-85446] - Staining of human cerebral cortex shows low expression as expected.



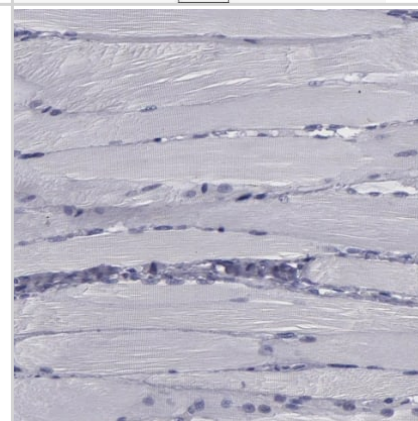
ChIP-Exo-Seq composite graph for Anti-CEBPE (NBP1-85446) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



Analysis in human cell line HL-60.



Staining of human skeletal muscle shows no positivity in myocytes as expected.



## Publications

Wesolowski R, Kowenz-Leutz E, Zimmermann K et al. Myeloid transformation by MLL-ENL depends strictly on C/EBP. *Life Sci Alliance* 2021-01-01 [PMID: 33144337] (WB)

Ishii H, Park WY, So J et al. Loss of myeloid-specific lamin A/C drives lung metastasis through Gfi-1 and C/EBP epsilon-mediated granulocytic differentiation. *Mol. Carcinog.* 2020-01-07 [PMID: 31912614] (WB, Mouse)

Kim HS, Oh SH, Kim JH et al. TRIB2 regulates the differentiation of MLL-TET1 transduced myeloid progenitor cells. *J. Mol. Med.* 2018-11-01 [PMID: 30324339] (WB, Human)



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### **Products Related to NBP1-85446**

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NBP1-85446PEP	CEBP epsilon Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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