

C/EBP β Antibody

Catalog No: #21675

Package Size: #21675-1 50ul #21675-2 100ul

Description

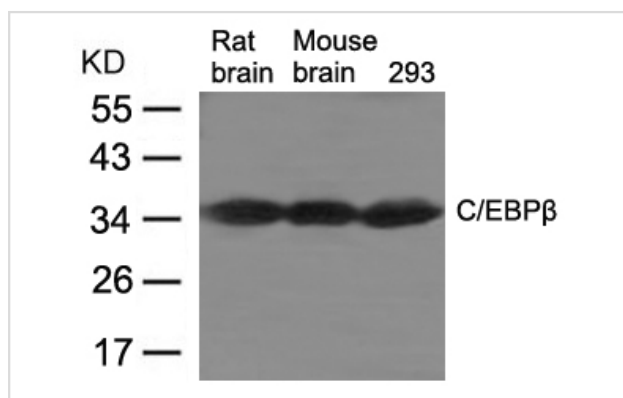
Product Name	C/EBP β Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total C/EBP β protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.336~340(E-P-L-L-A) derived from Human C/EBP β .
Conjugates	Unconjugated
Target Name	C/EBP β
Other Names	IL6DBP; CRP2; TCF5; LAP; NF-IL6
Accession No.	Swiss-Prot: P17676NCBI Protein: NP_005185.2
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 36kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from Rat brain, Mouse brain tissue and 293 cells using C/EBP β Antibody #21675.

Background

Important transcriptional activator in the regulation of genes involved in immune and inflammatory responses. Specifically binds to an IL-1 response element in the IL-6 gene. NF-IL6 also binds to regulatory regions of several acute-phase and cytokines genes. It probably plays a role in the regulation of acute-phase reaction, inflammation and hemopoiesis. The consensus recognition site is 5'-T[TG]NNGNAA[TG]-3'. Functions in brown adipose tissue (BAT) differentiation

Buck M., Poli V., Hunter T., Chojkier M. Mol. Cell 8:807-816(2001)

Gauci S., Helbig A.O., Slijper M., Krijgsveld J. Mohammed S. Anal. Chem. 81:4493-4501(2009)

Published Papers

el at., Clock represses preadipocytes adipogenesis via GILZ .In J Cell Physiol. On 2018 Aug by Zhu Z, Xu L et al.. PMID: 29278648, , (2018)

[PMID:29278648](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.