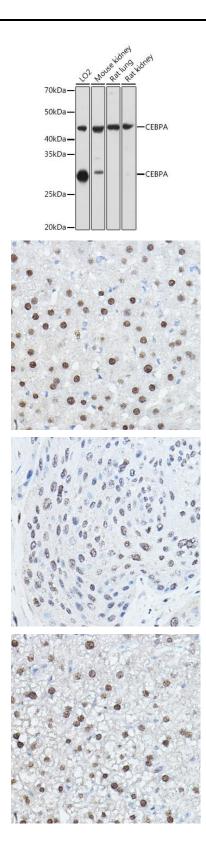
## **CEBPA Rabbit Polyclonal Antibody**

## CAB0904



Product Information Size:	Protein Background
Size:	This intronless gene encodes a transcription factor that contains a basic leucine zipper (bZIP domain and recognizes the CCAAT motif in the promoters of target genes. The encoded proteir
20uL, 50uL, 100uL, 200uL	functions in homodimers and also heterodimers with CCAAT/enhancer-binding proteins beta
Observed MW:	and gamma. Activity of this protein can modulate the expression of genes involved in cell cycle regulation as well as in body weight homeostasis. Mutation of this gene is associated with acute
30KDa/42KDa	myeloid leukemia. The use of alternative in-frame non-AUG (GUG) and AUG start codons results in protein isoforms with different lengths. Differential translation initiation is mediated by ar
Calculated MW:	out-of-frame, upstream open reading frame which is located between the GUG and the first
25kDa/35kDa/37kDa/41kDa	AUG start codons.
Applications:	Immunogen information
WB IHC	<b>Gene ID:</b> 1050
Reactivity:	1050
Human, Mouse, Rat	Uniprot P49715
Antibody Information	<b>Synonyms:</b> CEBPA; C/EBP-alpha; CEBP
<b>Recommended dilutions:</b> WB 1:500 - 1:2000 IHC 1:50 - 1:200	
Source:	Immunogen:
Rabbit	Recombinant fusion protein containing a sequence corresponding to amino acids 1-205 of human CEBPA (NP_004355.2).
lsotype:	
lgG	<b>Storage:</b> Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Purification:** Affinity purification



Western blot analysis of extracts of various cell lines, using CEBPA antibody (A0904) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.

Immunohistochemistry of paraffin-embedded rat liver using CEBPA Rabbit pAb (CAB0904) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded human esophageal cancer using CEBPA Rabbit pAb (CAB0904) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded mouse liver using CEBPA Rabbit pAb (CAB0904) at dilution of 1:100 (40x lens).