

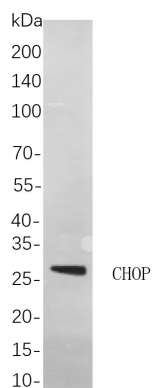


<b>Product name:</b>	CHOP Rabbit Monoclonal Antibody
<b>Cat number:</b>	MABN21427
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG,Kappa
<b>Immunogen:</b>	A synthetic peptide of human DDIT3
<b>Reactivity:</b>	Human,Mouse,Rat
<b>Applications:</b>	WB 1:1000-1:5000,IHC 1:1000-1:4000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
<b>Molecular Weight:</b>	Calculated MW:19kD;Observed MW:30kD
<b>Purification:</b>	Affinity purification
<b>Form:</b>	liquid
<b>Buffer:</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Synonyms:</b>	DDIT3
<b>Source:</b>	Rabbit
<b>Background:</b>	Cell localization:Cytoplasm, Nucleus.This gene encodes a member of the CCAAT/enhancer-binding protein (C/EBP) family of transcription factors. The protein functions as a dominant-negative inhibitor by forming heterodimers with other C/EBP members, such as C/EBP and LAP (liver activator protein), and preventing their DNA binding activity. The protein is implicated in adipogenesis and erythropoiesis, is activated by endoplasmic reticulum stress, and promotes apoptosis. Fusion of this gene and FUS on chromosome 16 or EWSR1 on chromosome 22 induced by translocation generates chimeric proteins in myxoid liposarcomas or Ewing sarcoma. Multiple alternatively spliced transcript variants encoding two isoforms with different length have been identified. [provided by RefSeq, Aug 2010],

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Western blot analysis of lysates from C6 cells, using CHOP Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.

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