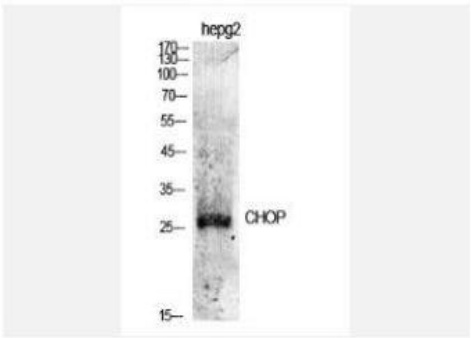
PRODUCT DATA SHEET

CHOP Polyclonal Antibody

Catalog No.	IPB0087
Reactivity	Human; Mouse;
Applications	WB; IHC-p; IF/ICC; ELISA
Dilution	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200 ELISA: 1:5000
Gene Name	DDIT3
Protein Name	DNA damage-inducible transcript 3 protein
Human Gene Id	1649
Swiss-Prot	P35638
Formulation	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Cytoplasm Nucleus Present in the cytoplasm under non-stressed conditions and ER stress leads to its nuclear accumulation
MW	19175
Background	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

Products Images:



Western Blot analysis of various cells using CHOP Polyclonal Antibody diluted at 1:500

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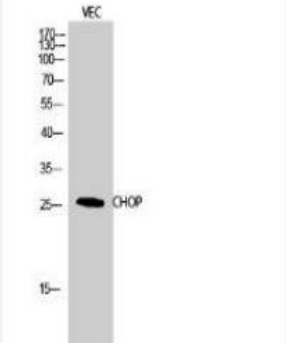
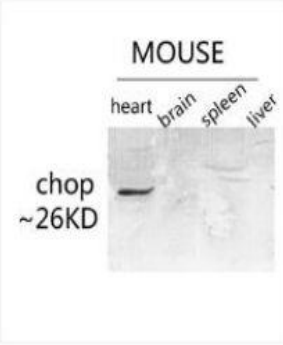
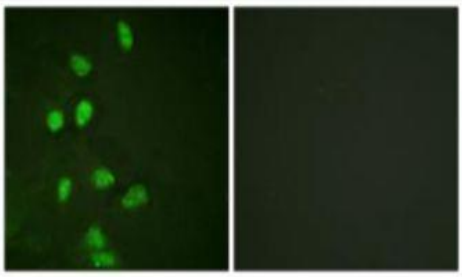


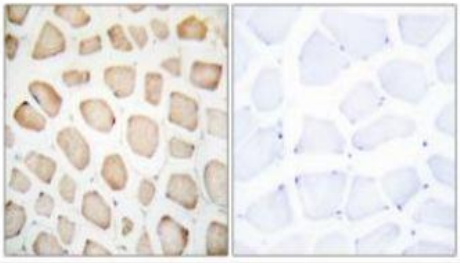
Western Blot analysis of VEC cells using CHOP Polyclonal Antibody diluted at 1:500



Western blot analysis of various lysis using CHOP Polyclonal Antibody diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunofluorescence analysis of HeLa cells, using CHOP Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue, using CHOP Antibody. The picture on the right is blocked with the synthesized peptide.

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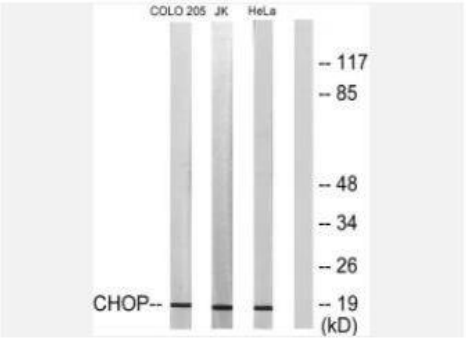

Western blot analysis of lysates from HeLa, Jurkat, and COLO205 cells, using CHOP Antibody. The lane on the right is blocked with the synthesized peptide.