

CAB0854**Product Information****Size:**

20uL, 50uL, 100uL, 200uL

Observed MW:

27kDa

Calculated MW:

19kDa/21kDa

Applications:

WB

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information**Gene ID:**

1649

Uniprot

P35638

Antibody Information**Recommended dilutions:**

WB 1:500 - 1:2000

Source:

Rabbit

Synonyms:

DDIT3; CEBPZ; CHOP; CHOP-10; CHOP10; GADD153; C/EBPzeta; DDIT3 / CHOP

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human DDIT3 / CHOP (NP_004074.2).

Isotype:

IgG

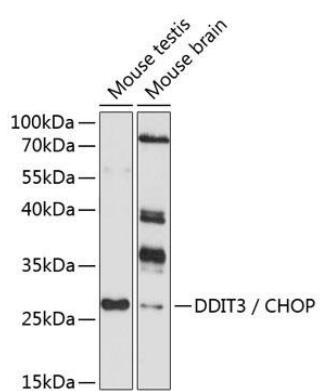
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Purification:

Affinity purification

Product Images



Western blot analysis of extracts of various cell lines, using DDIT3 / CHOP antibody (CAB0854) 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 Enhanced Kit (CABM00021). Exposure time: 20s.