

# DDIT3 / CHOP Polyclonal Antibody

Catalog No: #27243



Package Size: #27243-1 50ul #27243-2 100ul

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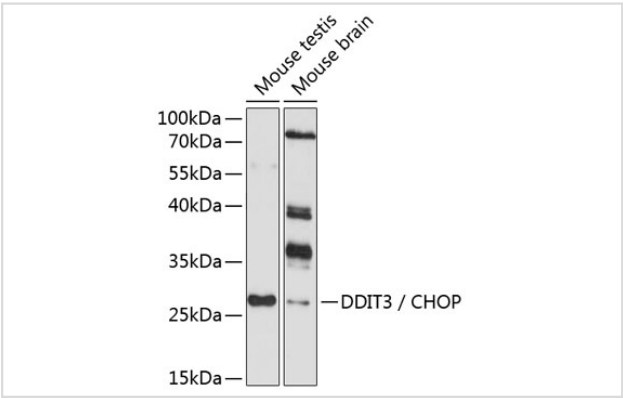
## Description

Product Name	DDIT3 / CHOP Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human DDIT3 / CHOP (NP_004074.2).
Other Names	DDIT3; CEBPZ; CHOP; CHOP-10; CHOP10; GADD153; C/EBPzeta; DNA damage inducible transcript 3
Accession No.	Swiss-Prot#:P35638NCBI Gene ID:1649
Uniprot	P35638
GeneID	1649;
Calculated MW	27kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

## Application Details

WB 1:500 - 1:2000

## Images



Western blot analysis of extracts of various cell lines, using DDIT3 / CHOP at 1:1000 dilution.

## 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.

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Note: This product is for in vitro research use only