

# DDIT3 / CHOP Rabbit Polyclonal Antibody



CAB11346

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

30kDa

### Calculated MW:

19kDa/21kDa

### Applications:

WB IHC

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## 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

### Synonyms:

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

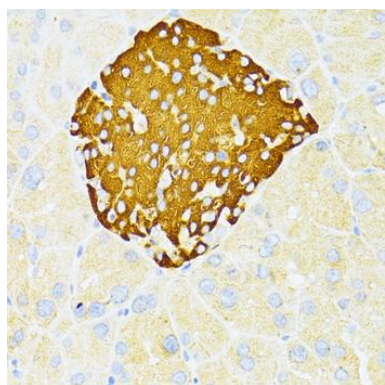
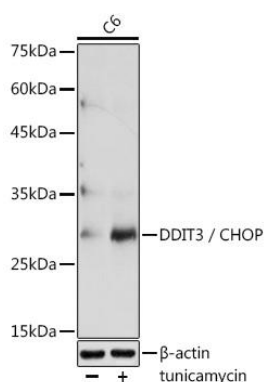
### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-169 of human DDIT3 / CHOP (NP\_004074.2).

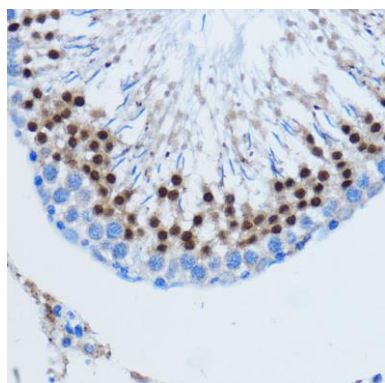
### Storage:

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

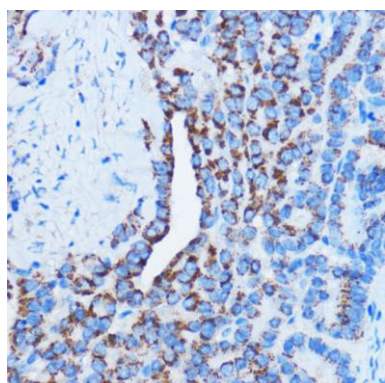
## Product Images



Immunohistochemistry of paraffin-embedded mouse pancreatic islets using DDIT3 / CHOP antibody (CAB11346) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat testis using DDIT3 / CHOP antibody (CAB11346) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human thyroid cancer using DDIT3 / CHOP antibody (CAB11346) at dilution of 1:100 (40x lens).