

**Recombinant****DGRmAb®****DDIT3 (DGR14242) Rabbit mAb****db11608****Package : 10µL 20µL 50µL 100µL****Product Name :** DDIT3 (DGR14242) Rabbit mAb**Cat.No.:** db11608**Synonyms :** CHOP; CEBPZ; CHOP10; CHOP-10; GADD153; C/EBPzeta**Application :** WB, IHC-P**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**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. [provided by RefSeq, Aug 2010]

**Immunogen**

A synthetic peptide of human DDIT3

**Gene ID**

1649

**Swiss Prot**

P35638

**Synonyms**

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

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:50-1:100

**Calculated MW**

19 kDa

**Observed MW**

27 kDa

**Host species**

Rabbit

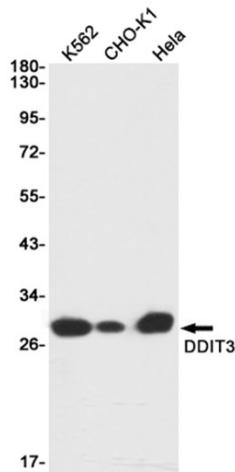
**Clonality**

Monoclonal

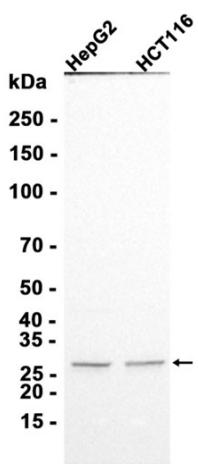
**Clonality No.**

DGR14242

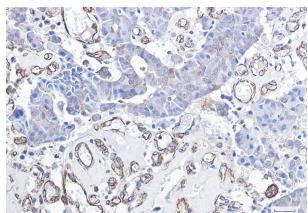
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of DDIT3 in K562, CHO-K1, HeLa cell lysates using DDIT3 antibody(1:1000 diluted).



Western blot analysis of extracts from HepG2, HCT116 cells using db11608 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human breast cancer using db11608 antibody.