Product Datasheet

DDIT3 antibody

Catalog No: #38967

Package Size: #38967-1 50ul #38967-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

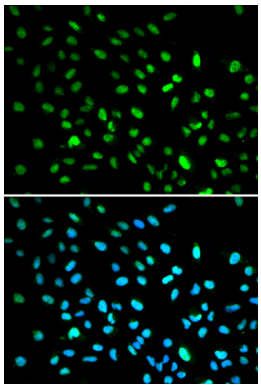
Description

Product Name	DDIT3 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total DDIT3 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human DDIT3.
Target Name	DDIT3
Other Names	CHOP; CEBPZ; CHOP10; CHOP-10; GADD153;
Accession No.	Swiss-Prot#: P35638NCBI Gene ID: 1649
Uniprot	P35638
GeneID	1649;
SDS-PAGE MW	19kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

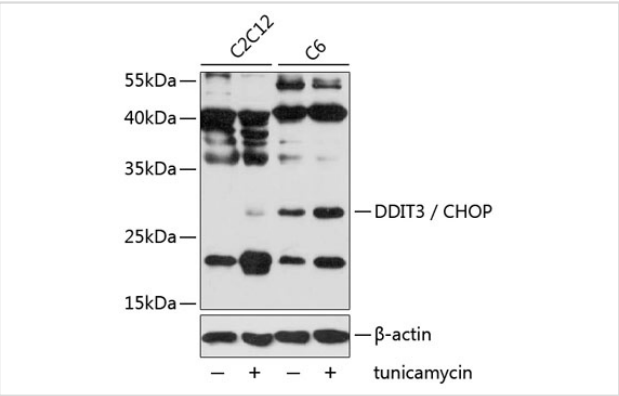
Application Details

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

Images



Immunofluorescence analysis of A549 cells using DDIT3 / CHOP . Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using DDIT3 / CHOP at 1:1000 dilution. Both C2C12 cells and C6 cells were treated by tunicamycin (2 μg/ml) for 8 hours.

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.

Note: This product is for in vitro research use only