Product Datasheet

DDIT3 Antibody

Catalog No: #32021

Package Size: #32021-1 50ul #32021-2 100ul

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

Description

Product Name	DDIT3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total DDIT3 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	A synthetic peptide of human DDIT3/CHOP (NP_004074.2).
Target Name	DDIT3
Other Names	DDIT3;CEBPZ;CHOP;CHOP-10;CHOP10;GADD153;C/EBPzeta;DDIT3 / CHOP
Accession No.	Uniprot:P35638GeneID:1649
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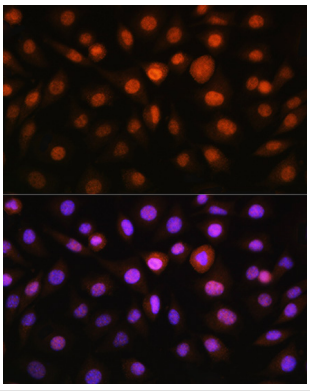
GeneID	1649
SDS-PAGE MW	30KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

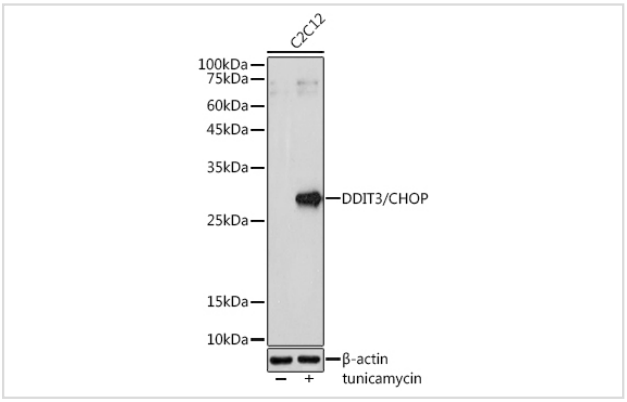
Application Details

WB□1:500 - 1:2000IF□1:50 - 1:200

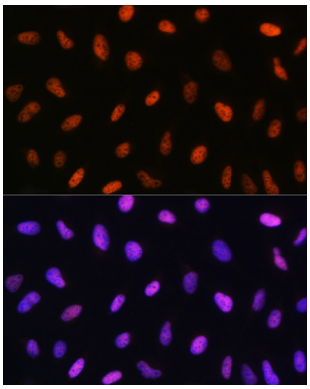
Images



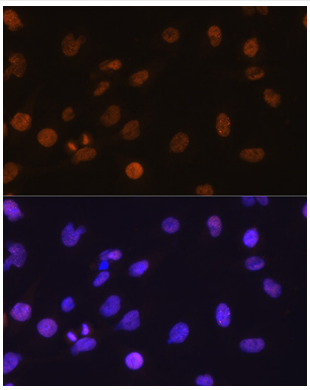
Immunofluorescence analysis of L929 cells using DDIT3/CHOP antibody.



Western blot analysis of extracts of C2C12 cells, using DDIT3/CHOP antibody.



Immunofluorescence analysis of U2OS cells using DDIT3/CHOP antibody.



Immunofluorescence analysis of C6 cells using DDIT3/CHOP antibody.

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