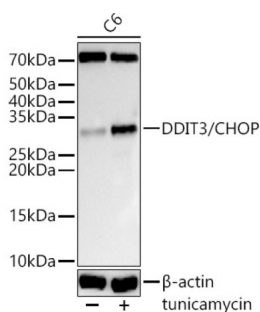
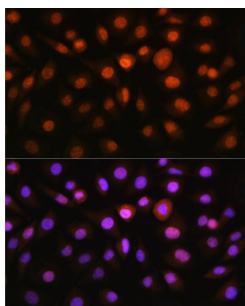


DNA Damage Inducible Transcript 3 (DDIT3) Antibody

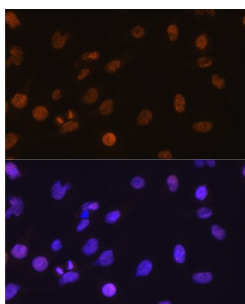
Catalogue No.: abx000607



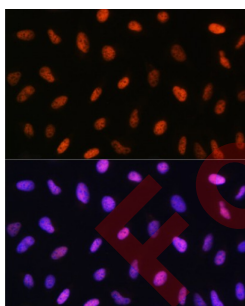
Western blot analysis of C6 using DDIT3/CHOP Antibody (1/2000 dilution). C6 cells were treated by tunicamycin (2 µg/ml) for 8 hours.



Immunofluorescence analysis of L929 cells using DDIT3/CHOP Antibody (1/100 dilution). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using DDIT3/CHOP antibody (1/100 dilution). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using DDIT3/CHOP antibody (1/100 dilution). Blue: DAPI for nuclear staining.

DDIT3 Antibody is a Rabbit Polyclonal antibody against DDIT3. 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.

Datasheet

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Target:	DNA Damage Inducible Transcript 3 (DDIT3)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	A synthetic peptide corresponding to human DDIT3 / CHOP
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P35638 (UniProt , ExPASy)
Gene Symbol:	DDIT3
GeneID:	1649
NCBI Accession:	NP_004074.2
KEGG:	hsa:1649
String:	9606.ENSP00000448665
Molecular Weight:	Calculated MW: 19 kDa/21 kDa Observed MW: 27 kDa
Buffer:	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
Concentration:	1 mg/ml

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Note:

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only