

Datasheet for ABIN7138755  
**anti-DDIT3 antibody (pSer30)**



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1 Image

## Overview

Quantity:	100 µL
Target:	DDIT3
Binding Specificity:	pSer30
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDIT3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Peptide sequence around phosphorylation site of serine30(V-L-S(p)-S-D) derived from Human CHOP .
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

## Target Details

Target:	DDIT3
Alternative Name:	DDIT3 ( <a href="#">DDIT3 Products</a> )

## Target Details

Background:	<p>Background:</p> <p>Multifunctional transcription factor in ER stress response. Plays an essential role in the response to a wide variety of cell stresses and induces cell cycle arrest and apoptosis in response to ER stress. Plays a dual role both as an inhibitor of CCAAT/enhancer-binding protein (C/EBP) function and as an activator of other genes. Acts as a dominant-negative regulator of C/EBP-induced transcription: dimerizes with members of the C/EBP family, impairs their association with C/EBP binding sites in the promoter regions, and inhibits the expression of C/EBP regulated genes. Positively regulates the transcription of TRIB3, IL6, IL8, IL23, TNFRSF10B/DR5, PPP1R15A/GADD34, BBC3/PUMA, BCL2L11/BIM and ERO1L.</p> <p>Ubeda M, Habener JF (2003) J Biol Chem 278, 40514-20</p> <p>Aliases: C/EBP homologous protein antibody, C/EBP Homology Protein antibody, C/EBP zeta antibody, C/EBP-homologous protein 10 antibody, C/EBP-homologous protein antibody, CCAAT/enhancer binding protein homologous protein antibody, CEBPZ antibody, CHOP 10 antibody, CHOP antibody, CHOP-10 antibody, CHOP10 antibody, DDIT 3 antibody, DDIT-3 antibody, Ddit3 antibody, DDIT3_HUMAN antibody, DNA Damage Inducible Transcript 3 antibody, DNA damage-inducible transcript 3 protein antibody, GADD 153 antibody, GADD153 antibody, Growth Arrest and DNA Damage Inducible Protein 153 antibody, Growth arrest and DNA damage inducible protein GADD153 antibody, Growth arrest and DNA damage-inducible protein GADD153 antibody, MGC4154 antibody</p>
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UniProt:	<a href="#">P35638</a>
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Pathways:	<a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">ER-Nucleus Signaling</a> , <a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">Cell RedoxHomeostasis</a>
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## Application Details

Application Notes:	WB:1:500-1:1000,
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images

