Datasheet for ABIN755977

anti-DDIT3 antibody (pSer30)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	DDIT3
Binding Specificity:	pSer30
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDIT3 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human GADD153 around the phosphorylation site of Ser30
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DDIT3

Target Details

Alternative Name:	GADD153 (DDIT3 Products)
Background:	Synonyms: Growth arrest and DNA damage-inducible 153, C/EBP homologous protein, C/EBP Homology Protein, CEBPZ, CHOP 10, CHOP, CHOP10, DDIT 3, DDIT3, DNA Damage Inducible Transcript 3, GADD 153, Growth Arrest and DNA Damage Inducible Protein 153, Growth arrest and DNA damage inducible protein GADD153, MGC4154, DDIT3_HUMAN. 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.
Gene ID:	1649
Pathways:	Regulation of Muscle Cell Differentiation, ER-Nucleus Signaling, Skeletal Muscle Fiber Development, Cell RedoxHomeostasis

Application Details

Application Notes:	ELISA 1:500-1000
	FCM 1:20-100
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

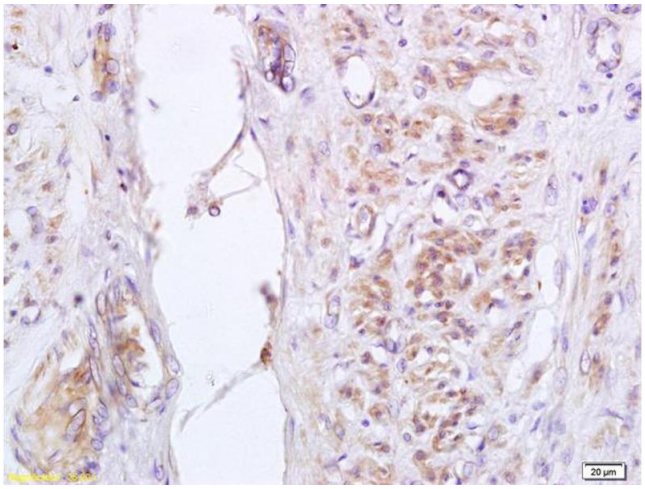
Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human cervical carcinoma labeled with Anti-phospho-GADD153 (Ser30) Polyclonal Antibody, Unconjugated (ABIN755977) at 1:200 followed by conjugation to the secondary antibody and DAB staining