Datasheet for ABIN872462
anti-GADD45G antibody (AA 101-159)

Overview

Quantity:	100 μL
Target:	GADD45G
Binding Specificity:	AA 101-159
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GADD45G antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GADD45 gamma
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GADD45G

Target Details

Alternative Name:	GADD45 gamma (GADD45G Products)
Background:	Synonyms: CR6, DDIT2, GRP17, GADD45gamma, Growth arrest and DNA damage-inducible protein GADD45 gamma, Cytokine-responsive protein CR6, DNA damage-inducible transcript 2 protein, DDIT-2, GADD45G Background: This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The protein encoded by this gene responds to environmental stresses by mediating activation of the p38/JNK pathway via MTK1/MEKK4 kinase. The GADD45G is highly expressed in placenta.
Gene ID:	10912
UniProt:	O95257
Pathways:	Cell Division Cycle

Application Details

Application Notes:	ELISA 1:500-1000
	
	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.
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