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Datasheet for ABIN7129566
anti-GADD45A antibody

2 Images

Overview

Quantity:	100 µL
Target:	GADD45A
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GADD45A antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of Human GADD45A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen affinity purification

Target Details

Target:	GADD45A
Alternative Name:	GADD45A (GADD45A Products)
Background:	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 DNA damage-induced transcription of this

Target Details

gene is mediated by both p53-dependent and -independent mechanisms. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Aliases: DDIT 1 antibody, DDIT-1 antibody, DDIT1 antibody, DNA damage inducible transcript 1 antibody, DNA damage-inducible transcript 1 protein antibody, GA45A_HUMAN antibody, GADD45 antibody, GADD45A antibody, Growth arrest and DNA damage inducible 45 alpha antibody, Growth arrest and DNA damage inducible alpha antibody, Growth arrest and DNA damage-inducible protein GADD45 alpha antibody

UniProt: [P24522](#)

Pathways: [p53 Signaling](#), [Cell Division Cycle](#)

Application Details

Application Notes: ELISA:1:1000-1:2000, IHC:1:25-1:100,

Restrictions: For Research Use only

Handling

Format: Liquid

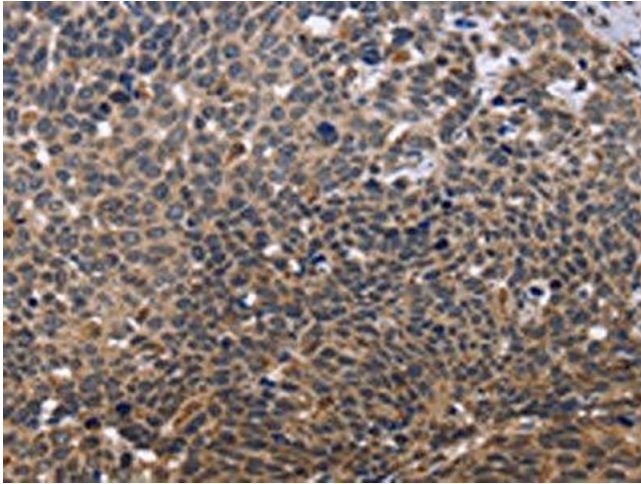
Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

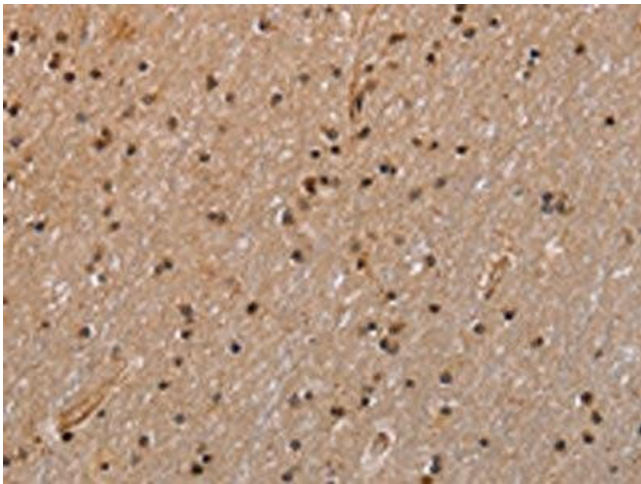
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. The image is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ABIN7129566(GADD45A Antibody) at dilution 1/30. (Original magnification: x200)



Immunohistochemistry

Image 2. The image is immunohistochemistry of paraffin-embedded Human brain tissue using ABIN7129566(GADD45A Antibody) at dilution 1/30. (Original magnification: x200)