

GADD45G polyclonal antibody

Catalog # PAB7552

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of GADD45G.
Immunogen	A synthetic peptide corresponding to amino acids 123-133 of human GADD45G.
Sequence	C-SNPNEDAWKDP
Host	Goat
Theoretical MW (kDa)	17.1
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:4000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GADD45G

Entrez GeneID [10912](#)

Protein Accession# [NP_006696.1](#)

Gene Name GADD45G

Gene Alias CR6, DDIT2, GADD45gamma, GRP17

Gene Description growth arrest and DNA-damage-inducible, gamma

Omim ID [604949](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations GADD45-gamma|OTTHUMP00000021623|gadd-related protein, 17 kD

Publication Reference

- [NF-kappa B-mediated repression of growth arrest- and DNA-damage-inducible proteins 45alpha and gamma is essential for cancer cell survival.](#)

Zerbini LF, Wang Y, Czibere A, Correa RG, Cho JY, Ijiri K, Wei W, Joseph M, Gu X, Grall F, Goldring MB, Zhou JR, Libermann TA.

PNAS 2004 Sep; 101(37):13618.

Application: WB, Human, LNCaP cells

Pathway

- [Cell cycle](#)
- [MAPK signaling pathway](#)
- [p53 signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)