

DNAxPAb

Hard-to-Find
Antibody

GADD45A DNAxPAb

Catalog # H00001647-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GADD45A DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MTLEEFSAAGEQKTERMDKVGDALEEVLSKALSQRITTVGVYEAAKLLNVDPDNNVLCLLAADED DDRDLVALQIHFTLIQAFCCENDINILRVSNPGRLAELLLLETDAGPAASEGAEQPPDLHCVLVTNPH SSQWKDPALSQLICFCRESRYMDQWVPVINLPER
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — GADD45A

Entrez GeneID [1647](#)

GeneBank Accession# [BC011757.2](#)

Protein Accession# [AAH11757.1](#)

Gene Name GADD45A

Gene Alias DDIT1, GADD45

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

Omim ID [126335](#)

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 DNA damage-induced transcription of this gene is mediated by both p53-dependent and -independent mechanisms. [provided by RefSeq]

Other Designations DNA damage-inducible transcript 1|DNA damage-inducible transcript-1|DNA-damage-inducible transcript 1|OTTHUMP00000010979|growth arrest and DNA-damage-inducible 45 alpha

Pathway

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

Disease

- [Ataxia telangiectasia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Chronic Disease](#)
- [Colonic Neoplasms](#)

- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Microsatellite Instability](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Schizophrenia](#)