

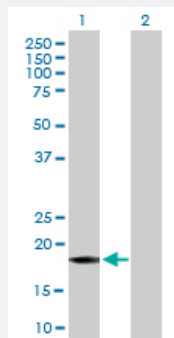
MaxPab®

GADD45A purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001647-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of GADD45A expression in transfected 293T cell line ([H00001647-T01](#)) by GADD45A MaxPab polyclonal antibody.

Lane 1: GADD45A transfected lysate(18.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GADD45A protein.
Immunogen	GADD45A (AAH11757.1, 1 a.a. ~ 165 a.a) full-length human protein.
Sequence	MTLEEFSGAEQKTERMDKVGDALEEVLSKALSQRTITVGVEAAKLLNVDPDNVVLCLLADEDDRDVALQIHFTLIQAFCCENDINLRVSNPGRLAELLLLETDAGPAASEGAEQPPDLHCVLVTNPHSSQWKDPALSQICFCRESRYMDQWVPVINLPER
Host	Mouse
Reactivity	Human
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.

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[Protocol Download](#)

Gene Info — GADD45A

Entrez GeneID [1647](#)

GeneBank Accession# [NM_001924](#)

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](#)