

Product datasheet for **AP12434PU-N**

GADD45A (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1,000. Western Blot: 1/50-1/100.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human GADD45A.
Specificity:	This antibody detects GADD45A (N-term).
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	growth arrest and DNA damage inducible alpha
Database Link:	Entrez Gene 1647 Human P24522
Background:	GADD45A responds to environmental stresses by mediating activation of the p38/JNK pathway via MTK1/MEKK4 kinase. The GADD45A 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 DNA damage-induced transcription of this gene is mediated by both p53-dependent and -independent mechanisms.

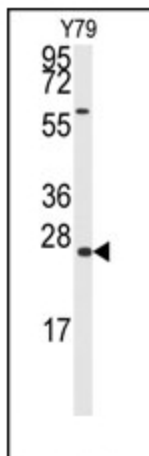


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Synonyms: GADD45, DDIT1, DDIT-1

Note: **Molecular weight:** 18205 Da predicted from amino acid sequence.
Theoretical pI: 4.36

Product images:



Western blot analysis of anti-GADD45A Antibody (N-term) in Y79 cell line lysates (35ug/lane). GADD45A (arrow) was detected using the purified Pab.