

Product datasheet for **TA332434**

GADD45A Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB 1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human GADD45A
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	18 kDa
Gene Name:	growth arrest and DNA damage inducible alpha
Database Link:	NP_001915 Entrez Gene 13197 MouseEntrez Gene 25112 RatEntrez Gene 1647 Human P24522
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 gene is mediated by both p53-dependent and -independent mechanisms. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Synonyms:	DDIT1; GADD45

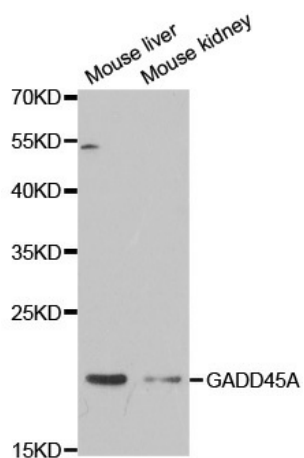


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Protein Families: Druggable Genome, Stem cell - Pluripotency

Protein Pathways: Cell cycle, MAPK signaling pathway, p53 signaling pathway

Product images:



Western blot analysis of extracts of various cell lines, using GADD45A antibody.