

## Product datasheet for **TA332434S**

### GADD45A Rabbit Polyclonal Antibody

#### Product data:

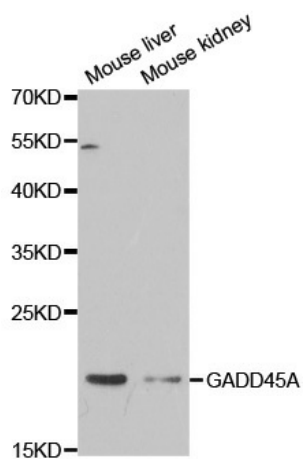
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB 1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human GADD45A
Formulation:	PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.
Concentration:	lot 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:	<a href="#">NP_001915</a> <a href="#">Entrez Gene 13197 Mouse</a> <a href="#">Entrez Gene 25112 Rat</a> <a href="#">Entrez Gene 1647 Human</a> <a href="#">P24522</a>
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
Protein Families:	Druggable Genome, Stem cell - Pluripotency



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

### Product images:



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