

Product datasheet for **TA350003**

GADD45A Rabbit Polyclonal Antibody

Product data:

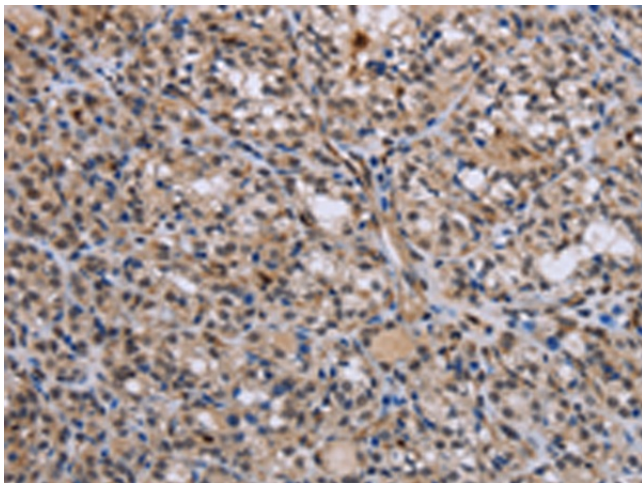
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human GADD45A
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	growth arrest and DNA damage inducible alpha
Database Link:	NP_001915 Entrez Gene 13197 Mouse Entrez Gene 25112 Rat Entrez 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
Protein Families:	Druggable Genome, Stem cell - Pluripotency



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

Product images:



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA350003 (GADD45A Antibody) at dilution 1/30. (Original magnification: ×200)