

Rabbit GADD45A Polyclonal Antibody | anti-GADD45A antibody

GADD45A Polyclonal Antibody

CATALOG # AAA179529	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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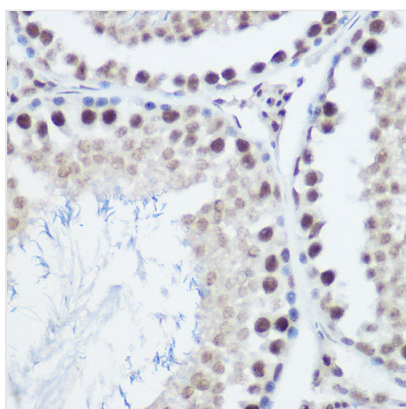
PRODUCT SYNONYMS

GADD45A; Polyclonal Antibody; GADD45A Polyclonal Antibody; DDIT1; GADD45; anti-GADD45A antibody

PRODUCT SPECIFICATIONS

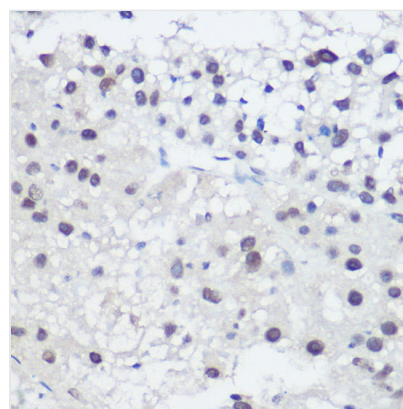
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GADD45A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human GADD45A
Research Area	Cancer, Epigenetics and Nuclear Signaling
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



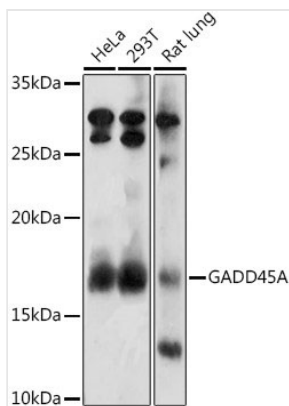
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse testis using GADD45A Polyclonal Antibody at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using GADD45A Polyclonal Antibody at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)
Western blot analysis of extracts of various cell lines using GADD45A Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-GADD45A antibody	This gene is 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.
Product Categories/Family for anti-GADD45A antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	315075325
NCBI GeneID	1647
NCBI Accession #	NP_001186671.1
NCBI GenBank Nucleotide #	NM_001199742.1
UniProt Accession #	P24522 ; Q5TCA7 ; Q5TCA8
Molecular Weight	18,336 Da
NCBI Official Full Name	growth arrest and DNA damage-inducible protein GADD45 alpha isoform 3
NCBI Official Synonym Full Names	growth arrest and DNA-damage-inducible, alpha
NCBI Official Symbol	GADD45A
NCBI Official Synonym Symbols	DDIT1; GADD45
NCBI Protein Information	growth arrest and DNA damage-inducible protein GADD45 alpha; DDIT-1; DNA damage-inducible transcript-1; DNA-damage-inducible transcript 1; DNA damage-inducible transcript 1 protein; growth arrest and DNA-damage-inducible 45 alpha
UniProt Protein Name	Growth arrest and DNA damage-inducible protein GADD45 alpha
UniProt Gene Name	GADD45A
UniProt Synonym Gene Names	DDIT1; GADD45; DDIT-1
UniProt Entry Name	GA45A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

