

GADD45A Antibody

Catalog No: #32438

Package Size: #32438-1 50ul #32438-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

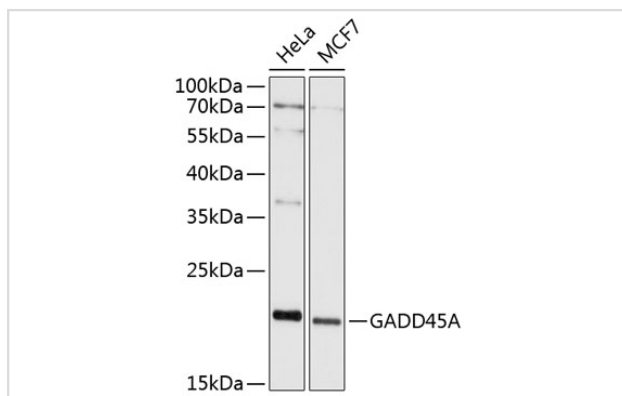
Description

Product Name	GADD45A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total GADD45A protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human GADD45A.
Target Name	GADD45A
Other Names	DDIT1; GADD45;
Accession No.	Swiss-Prot:P24522NCBI Gene ID:1647
Uniprot	P24522
GeneID	1647;
SDS-PAGE MW	18KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

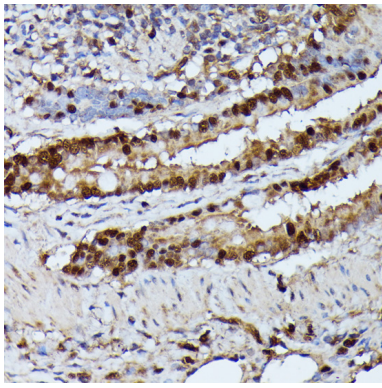
Application Details

WB □ 1:500 - 1:2000

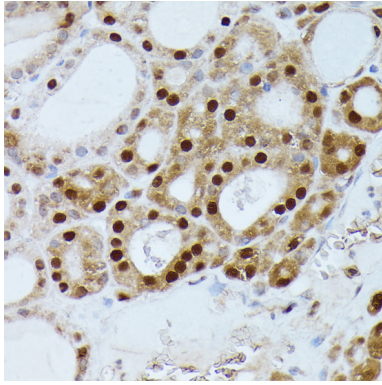
Images



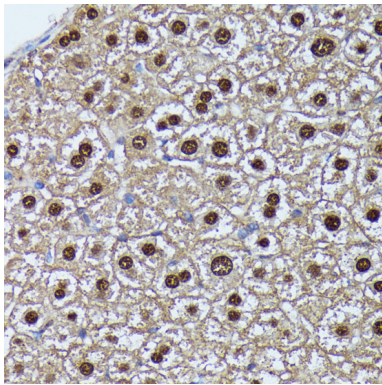
Western blot analysis of extracts of various cell lines, using GADD45A at 1:1000 dilution.



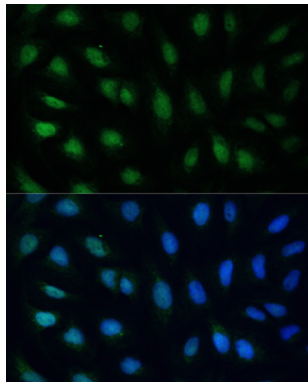
Immunohistochemistry of paraffin-embedded rat lung using GADD45A at dilution of 1:100 (40x lens).



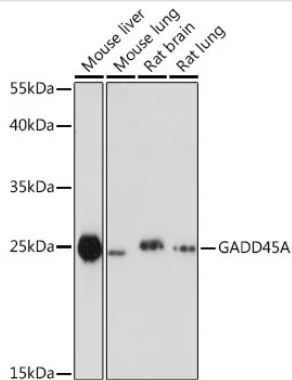
Immunohistochemistry of paraffin-embedded human thyroid cancer using GADD45A at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse liver using GADD45A at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using GADD45A at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using GADD45A at 1:1000 dilution.

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.

Note: This product is for in vitro research use only