

GADD45A

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

Calculated MW: 18kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human GADD45A

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

bd

Synonym:

DDIT1; GADD45;

Catalog #: A1797

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1647

Isotype: IgG

Swiss Prot: P24522

Purity: Affinity purification

For research use only.

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.

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