

## 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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