



## GADD45A Antibody

#24323

**Catalog Number:** 24323-1, 24323-2

**Amount:** 50µg/50µl, 100µg/100µl

**Swiss-Prot No. :** P24522

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Storage/Stability:** Store at -20°C/1 year

**Immunogen:** The antiserum was produced against synthesized peptide derived from Human GADD45A

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Specificity/Sensitivity:** GADD45A Antibody detects endogenous levels of total GADD45A

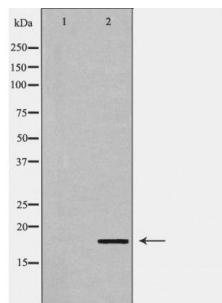
**Reactivity:** Human, Mouse, Rat

### Applications:

Predicted MW: 18kd

WB: 1:500-2000

IHC: 1:50-200



Western blot analysis of extracts of various cell lines, using GADD45A antibody.

### 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.