

## GADD45A Rabbit Polyclonal Antibody

### Catalog #: EAB13894

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB	18	Human, Mouse

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**WB**(Western Blotting) 1:500-2000

### Product Information

<b>Conjugate</b>	Unconjugate
<b>Specificity</b>	GADD45A Rabbit Polyclonal Antibody detects endogenous levels of GADD45A protein.
<b>Purification</b>	Affinity purification
<b>Concentration</b>	1mg/ml
<b>Format</b>	Liquid
<b>Formulation</b>	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol.
<b>Shipping</b>	Gel Pack
<b>Storage</b>	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks.
<b>UniProt ID</b>	<a href="#">P24522</a>
<b>Entrez-Gene ID</b>	<a href="#">1647</a>

### Product Description

GADD45A (also designated GADD45alpha, GADD45) 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.

**For Reserch Use Only. Not For Use In Diagnostic Procedures**