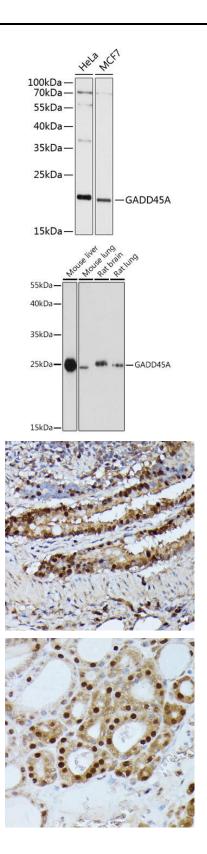
## GADD45A Rabbit Polyclonal Antibody

## CAB11768



roduct Information	Protein Background
Size:	This gene is a member of a group of genes whose transcript levels are increased following
20uL, 50uL, 100uL, 200uL	stressful growth arrest conditions and treatment with DNA-damaging agents. The protei encoded by this gene responds to environmental stresses by mediating activation of th
Observed MW:	p38/JNK pathway via MTK1/MEKK4 kinase. The DNA damage-induced transcription of thi gene is mediated by both p53-dependent and -independent mechanisms. Alternatively splice
20kDa/25kDa	transcript variants encoding distinct isoforms have been found for this gene.
Calculated MW:	Immunogen information
14kDa/18kDa	Gene ID:
Applications:	1647
WB IHC IF	Uniprot
Reactivity:	P24522
Human, Mouse, Rat	<b>Synonyms:</b> DDIT1; GADD45; GADD45A
Antibody Information	
<b>Recommended dilutions:</b>	Immunogen:
WB 1:500 - 1:2000	Recombinant fusion protein containing a sequence corresponding to amino acids 1-165 of human GADD45A (NP_001915.1).
<b>Source:</b> Rabbit	
	Storage:
	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%
<b>lsotype:</b> lgG	sodium azide, 50% glycerol, pH7.3.

**Purification:** Affinity purification



Western blot analysis of extracts of various cell lines, using GADD45A antibody (CAB11768) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.

Western blot analysis of extracts of various cell lines, using GADD45A antibody (CAB11768) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 180s.

Immunohistochemistry of paraffin-embedded rat lung using GADD45A antibody (CAB11768) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded human thyroid cancer using GADD45A antibody (CAB11768) at dilution of 1:100 (40x lens).