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GADD45G Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14768a

Product Information

Application	WB, E
Primary Accession	O95257
Other Accession	Q9WTQ7, Q9Z111, NP_006696.1
Reactivity	Human, Rat, Mouse
Predicted	Mouse, Rat, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35030
Calculated MW	17121
Antigen Region	1-30

Additional Information

Gene ID	10912
Other Names	Growth arrest and DNA damage-inducible protein GADD45 gamma, Cytokine-responsive protein CR6, DNA damage-inducible transcript 2 protein, DDIT-2, GADD45G, CR6, DDIT2
Target/Specificity	This GADD45G antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human GADD45G.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	GADD45G Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GADD45G
Synonyms	CR6, DDIT2

Function Involved in the regulation of growth and apoptosis. Mediates activation of stress-responsive MTK1/MEKK4 MAPKKK.

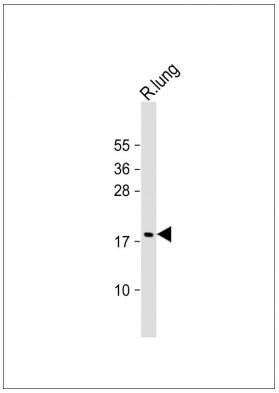
Background

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 GADD45G is highly expressed in placenta.

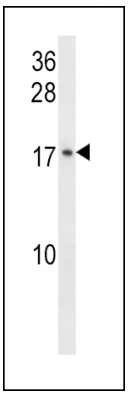
References

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Yu, S., et al. Am. J. Nephrol. 30(2):135-139(2009)
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Images



Anti-GADD45G Antibody (N-term) at 1:500 dilution + rat lung lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 17 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



GADD45G Antibody (N-term) (Cat. #AP14768a) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the GADD45G antibody detected the GADD45G protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.