

GADD 45 γ rabbit pAb**Cat#: orb765266 (Manual)**

For research use only. Not intended for diagnostic use.

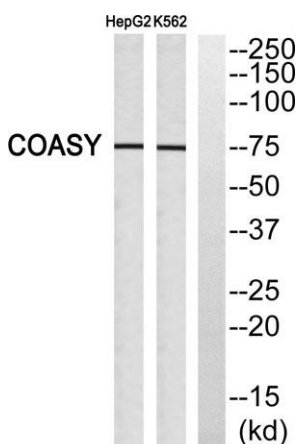
Product Name	GADD 45 γ rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human GA45G. AA range:101-150
Specificity	GADD 45 γ Polyclonal Antibody detects endogenous levels of GADD 45 γ protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Growth arrest and DNA damage-inducible protein GADD45 gamma
Gene Name	GADD45G
Cellular localization	nucleus,cytoplasm,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	19kD
Human Gene ID	10912
Human Swiss-Prot Number	O95257
Alternative Names	GADD45G; CR6; DDIT2; Growth arrest and DNA damage-inducible protein GADD45 gamma; Cytokine-responsive protein CR6; DNA damage-inducible transcript 2 protein; DDIT-2

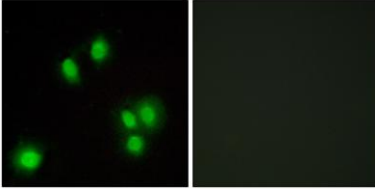
Background This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The protein encoded by this gene responds to environmental stresses by mediating activation of the p38/JNK pathway via MTK1/MEKK4 kinase. The GADD45G is highly expressed in placenta. [provided by RefSeq, Jul 2008],



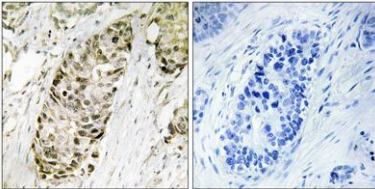
Western Blot analysis of various cells using GADD 45γ Polyclonal Antibody



Western blot analysis of GA45G Antibody. The lane on the right is blocked with the GA45G peptide.



Immunofluorescence analysis of A549 cells, using GA45G Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using GA45G Antibody. The picture on the right is blocked with the synthesized peptide.