

GADD 45 Gamma Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03439
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human GA45G. AA range:101-150
Mol wt	17121
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	GADD 45gamma Antibody
Synonyms	GADD45G; CR6; DDIT2; Growth arrest and DNA damage-inducible protein GADD45 gamma; Cytokine-responsive protein CR6; DNA damage-inducible transcript 2 protein; DDIT-2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

GADD45G is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. Growth arrest and DNA damage-inducible protein GADD45 gamma encoded by GADD45G responds to environmental stresses by mediating activation of the p38/JNK pathway via MTK1/MEKK4 kinase. The GADD45G is highly expressed in placenta.

Recommended Dilution

WB: 1: 500 - 1: 2000

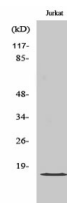
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

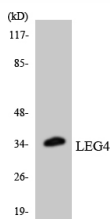
ELISA: 1: 5000

Not yet tested in other applications.

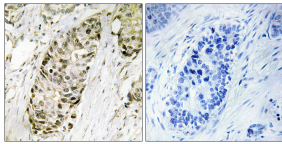
Images



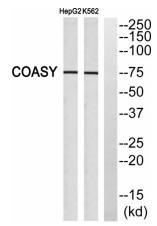
Western Blot analysis of various cells using GADD 45 γ Polyclonal Antibody



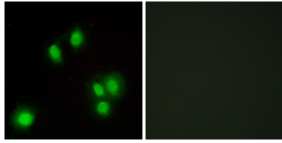
Western blot analysis of the lysates from HeLa cells using LEG4 antibody.



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



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.

Storage

-20°C for one year

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