

## GADD45B Antibody

Catalog No: #36492

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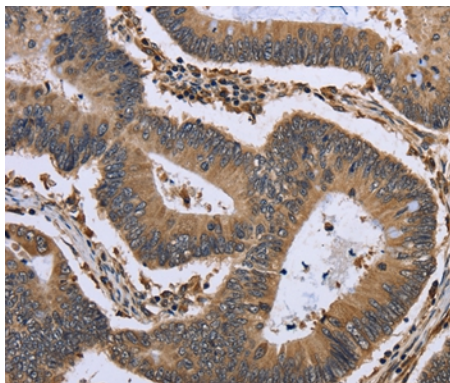
## Description

Product Name	GADD45B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total GADD45B protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	GADD45B
Other Names	MYD118; GADD45BETA
Accession No.	Swiss-Prot#: O75293NCBI Gene ID: 4616Gene Accssion: BC113466
Uniprot	O75293
GeneID	4616;
Concentration	1.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

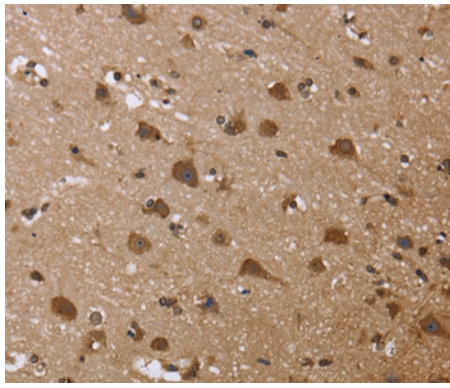
## Application Details

Immunohistochemistry: 1:50-1:200

## Images



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #36492 at dilution 1/30.



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #36492 at dilution 1/30.

## 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 genes in this group respond to environmental stresses by mediating activation of the p38/JNK pathway. This activation is mediated via their proteins binding and activating MTK1/MEKK4 kinase, which is an upstream activator of both p38 and JNK MAPKs. The function of these genes or their protein products is involved in the regulation of growth and apoptosis. These genes are regulated by different mechanisms, but they are often coordinately expressed and can function cooperatively in inhibiting cell growth.

Note: This product is for in vitro research use only