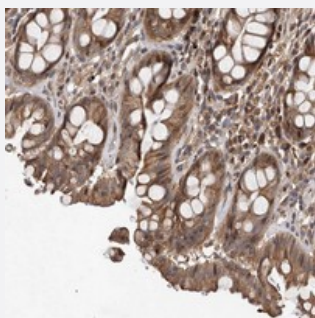


GADD45B polyclonal antibody

Catalog # PAB22350

Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human rectum with GADD45B polyclonal antibody (Cat # PAB22350) shows moderate cytoplasmic positivity in glandular cells at 1:20-1:50 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant GADD45B.
Immunogen	Recombinant protein corresponding to amino acids of human GADD45B.
Sequence	AVEELLVAAQRQDRLTVGVYESAKLMNVDPDSVVLCLLAIDEEEDDIALQIHFTLIQSFCNDNDINI VRVSGMQRLAQLLGEPATQGTTEARDLHCLLVTPHTDAWKSHGLVEVASYCEESRGNNQWV PY
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:20-1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — GADD45B

Entrez GeneID[4616](#)**Protein Accession#**[O75293](#)**Gene Name**

GADD45B

Gene Alias

DKFZp566B133, GADD45BETA, MYD118

Gene Description

growth arrest and DNA-damage-inducible, beta

Omim ID[604948](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

myeloid differentiation primary response

Pathway

- [Cell cycle](#)
- [MAPK signaling pathway](#)

- [p53 signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)