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GADD45G Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP14768a

Specification

GADD45G Antibody (N-term) Blocking Peptide - Product Information

Primary Accession O95257

GADD45G Antibody (N-term) Blocking Peptide - 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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GADD45G Antibody (N-term) Blocking Peptide - Protein Information

Name GADD45G

Synonyms CR6, DDIT2

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

GADD45G Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

GADD45G Antibody (N-term) Blocking Peptide - Images

GADD45G Antibody (N-term) Blocking Peptide - Background

This gene is a member of a group of genes whose transcriptlevels are increased following stressful

growth arrest conditionsand treatment with DNA-damaging agents. The protein encoded by thisgene responds to environmental stresses by mediating activation ofthe p38/JNK pathway via MTK1/MEKK4 kinase. The GADD45G is highlyexpressed in placenta.

GADD45G Antibody (N-term) Blocking Peptide - References

Flores, O., et al. Endocrinology 151(10):4654-4664(2010)Zhang, W., et al. J. Cancer Res. Clin. Oncol. 136(8):1267-1273(2010)Zhu, N., et al. Mol. Biol. Rep. 36(8):2075-2085(2009)Yu, S., et al. Am. J. Nephrol. 30(2):135-139(2009)Palmieri, R.T., et al. Cancer Epidemiol. Biomarkers Prev. 17(12):3567-3572(2008)