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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB08299 - Goat Anti-GADD45gamma (aa 18 to 28) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: growth arrest and DNA-damage-inducible, gamma, CR6, DDIT2, GADD45gamma, GRP17, GADD45-gamma, gadd-related protein, 17 kD, growth arrest and DNA-damage-inducible gamma

Official Symbol: GADD45G

Accession Number(s): NP_006696.1

Human GeneID(s): [10912](#)

Non-Human GeneID(s): 23882 (mouse), 291005 (rat)

Immunogen

Peptide with sequence C-RMQGAGKALHE, from the internal region of the protein sequence according to NP_006696.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Preliminary experiments gave an approx 23kDa band in Human Testis and Thyroid Gland lysates and in lysates of cell line A549 after 0.3µg/ml antibody staining.

Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 17.1kDa according to NP_006696.1. The 23kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Rat