

Product datasheet for AP18028PU-N

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OriGene Technologies, Inc.

GADD45A (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: ELISA: 1/1,000.

Western blotting: 1/50 - 1/100.

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Immunogen: KLH conjugated synthetic peptide selected from the C-terminal region of human GADD45A

Specificity: This antibody reacts to GADD45A. **Formulation:** PBS with 0.09% (W/V) sodium azide

State: Liquid purified Ig

Concentration: lot specific

Purification: Saturated Ammonium Sulfate (SAS) precipitation

Conjugation: Unconjugated

Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

Gene Name: Homo sapiens growth arrest and DNA damage inducible alpha (GADD45A), transcript variant

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Database Link: Entrez Gene 1647 Human

P24522

Background: GADD45A responds to environmental stresses by mediating activation of the p38/JNK

pathway via MTK1/MEKK4 kinase. The GADD45A 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 DNA damage-induced transcription of this gene is

mediated by both p53-dependent and -independent mechanisms.

Synonyms: GADD45, DDIT1, DDIT-1

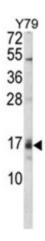
Protein Families: Druggable Genome, Stem cell - Pluripotency





Protein Pathways: Cell cycle, MAPK signaling pathway, p53 signaling pathway

Product images:



Western blot analysis of GADD45A Antibody (Cterm) in Y79 cell line lysates (35ug/lane). GADD45A (arrow) was detected using the purified Pab.