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Anti-GADD45 beta Antibody

Catalog # AP53761

Product Information

Application	WB, IF/IC
Primary Accession	O75293
Reactivity	Human, Mouse, Rat, Bovine, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17818

Additional Information

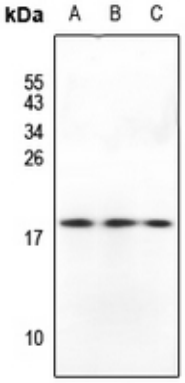
Gene ID	4616
Other Names	MYD118; Growth arrest and DNA damage-inducible protein GADD45 beta; Myeloid differentiation primary response protein MyD118; Negative growth regulatory protein MyD118
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GADD45 beta. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

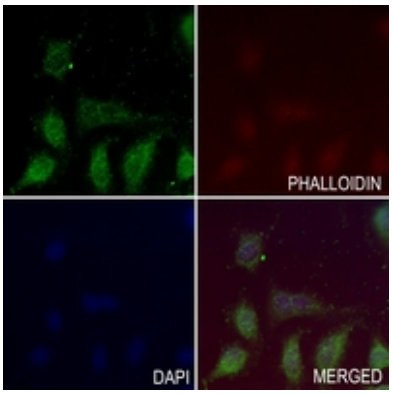
Protein Information

Name	GADD45B
Synonyms	MYD118
Function	Involved in the regulation of growth and apoptosis. Mediates activation of stress-responsive MTK1/MEKK4 MAPKKK.

Images

Western blot analysis of GADD45 beta expression in H9C2 (A), A549 (B), Hela (C) whole cell lysates. (Predicted band size: 17 kD; Observed band size: 18 kD)





Immunofluorescent analysis of GADD45 beta staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.