

Rabbit GADD45 beta Polyclonal Antibody | anti-GADD45B antibody

Anti-GADD45 beta Antibody

CATALOG # AAA104907	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Bovine, Monkey	APPLICATIONS Immunocytochemistry, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

GADD45 beta; Polyclonal Antibody; Anti-GADD45 beta Antibody; MYD118; Growth arrest and DNA damage-inducible protein GADD45 beta; Myeloid differentiation primary response protein MyD118; Negative growth regulatory protein MyD118; anti-GADD45B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of GADD45 beta protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	160
Applicable Applications for anti-GADD45B antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GADD45 beta. The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

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 degree C in a humidified 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).



WB (Western Blot)

Western blot analysis of GADD45 beta expression in H9C2 (A), A549 (B), HeLa (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-GADD45B antibody	Rabbit polyclonal antibody to GADD45 beta
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NCBI AND UNIPROT INFORMATION

NCBI GI #	86991436
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NCBI GeneID	4616
NCBI Accession #	NP_056490.2
NCBI GenBank Nucleotide #	NM_015675.3
UniProt Accession #	O75293 ; O75960 ; Q17R46 ; A8KAM2
NCBI Official Full Name	growth arrest and DNA damage-inducible protein GADD45 beta
NCBI Official Synonym Full Names	growth arrest and DNA-damage-inducible, beta
NCBI Official Symbol	GADD45B
NCBI Official Synonym Symbols	MYD118; GADD45BETA
NCBI Protein Information	growth arrest and DNA damage-inducible protein GADD45 beta; negative growth regulatory protein MyD118; myeloid differentiation primary response protein MyD118
UniProt Protein Name	Growth arrest and DNA damage-inducible protein GADD45 beta
UniProt Gene Name	GADD45B
UniProt Synonym Gene Names	MYD118
UniProt Entry Name	GA45B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gadd45-beta-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/104907>