

Rabbit GADD45 alpha Polyclonal Antibody | anti-GADD45A antibody

Anti-GADD45 alpha Antibody

CATALOG # AAA262598	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunocytochemistry, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

GADD45 alpha; Polyclonal Antibody; Anti-GADD45 alpha Antibody; DDIT1; GADD45; Growth arrest and DNA damage-inducible protein GADD45 alpha; DNA damage-inducible transcript 1 protein; DDIT-1; anti-GADD45A antibody

PRODUCT SPECIFICATIONS

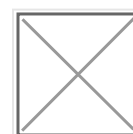
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of GADD45 alpha protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	131
Applicable Applications for anti-GADD45A antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant full length protein of human GADD45 alpha
Preparation and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of GADD45 alpha 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 humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of GADD45 alpha expression in mouse liver (A), mouse kidney (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-GADD45A antibody	Rabbit polyclonal antibody to GADD45 alpha
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NCBI AND UNIPROT INFORMATION

NCBI GI #	315075323
NCBI GeneID	1647

NCBI Accession #	NP_001186670.1
NCBI GenBank Nucleotide #	NM_001199741.1
UniProt Accession #	P24522 ; Q5TCA7 ; Q5TCA8
NCBI Official Full Name	growth arrest and DNA damage-inducible protein GADD45 alpha isoform 2
NCBI Official Synonym Full Names	growth arrest and DNA damage inducible alpha
NCBI Official Symbol	GADD45A
NCBI Official Synonym Symbols	DDIT1; GADD45
NCBI Protein Information	growth arrest and DNA damage-inducible protein GADD45 alpha
UniProt Protein Name	Growth arrest and DNA damage-inducible protein GADD45 alpha
UniProt Gene Name	GADD45A
UniProt Synonym Gene Names	DDIT1; GADD45; DDIT-1
UniProt Entry Name	GA45A_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-alpha-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/262598>