

Rabbit anti-Mouse, Human GADD45A/GADD45 Polyclonal Antibody | anti-GADD45A antibody

GADD45A/GADD45 Rabbit anti-Human Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21309	Rabbit	Mouse, Human	Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Western Blot

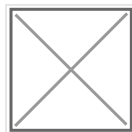
PRODUCT SYNONYMS

GADD45A/GADD45; Polyclonal Antibody; GADD45A/GADD45 Rabbit anti-Human Polyclonal Antibody; IHC-plus GADD45A/GADD45 Antibody; GADD45A; DDIT-1; DDIT1; GADD45; anti-GADD45A antibody

PRODUCT SPECIFICATIONS

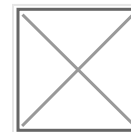
Host	Rabbit
Reactivity	Mouse, Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human GADD45A/GADD45
Purity/Purification	Affinity purified
Form/Format	PBS, pH7.3, 0.02% Sodium Azide, 50% Glycerol
Concentration	0.51mg/ml (varies by lot)
Applicable Applications for anti-GADD45A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 1:200 WB: 1:500-1:2000 The predicted MW is 14kDa/18kDa, while the observed MW by Western blot was 18kDa.
Target	Human GADD45A/GADD45
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-165 of human GADD45A (NP_001915.1). MTLEEFSAEQKTERMDKVGDALEEVLSKALSQRTITVGVEAAKLLNVDPDNVLCLLAADEDDDRDVALQIHFTLIQAFCCENDINILRVSNPGRLAELL
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

GADD45A/GADD45 Antibody-Immunohistochemistry of paraffin-embedded human esophagus using GADD45A antibody at dilution of 1:100 (400x lens).



IHC (Immunohistochemistry)

GADD45A/GADD45 Antibody-Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)

**IHC (Immunohistochemistry)**

GADD45A/GADD45 Antibody-Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)

**WB (Western Blot)**

GADD45A/GADD45 Antibody-Western blot analysis of extracts of various cell lines, using GADD45A antibody.

**WB (Western Blot)**

GADD45A/GADD45 Antibody-Western blot analysis of extracts of mouse liver, using GADD45A antibody at 1:1000 dilution. The secondary antibody used was an HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates were loaded 25ug per lane and 3% nonfat dry milk in TBST was used for blocking. An ECL Kit was used for detection and the exposure time was 90s.

**ICC (Immunocytochemistry)**

GADD45A/GADD45 Antibody-Immunofluorescence analysis of A549 cells.

ADDITIONAL INFORMATION

Related Product Information for anti-GADD45A antibody

GADD45 antibody is an unconjugated rabbit polyclonal antibody to GADD45 (GADD45A) from human. It is reactive with human and mouse. Validated for IF, IHC and WB. Tested on 20 paraffin-embedded human tissues.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503287
NCBI GeneID	1647
NCBI Accession #	NP_001915.1
NCBI GenBank Nucleotide #	NM_001924
UniProt Accession #	P24522; Q5TCA7; Q5TCA8
Molecular Weight	18,336 Da
NCBI Official Full Name	growth arrest and DNA damage-inducible protein GADD45 alpha isoform 1
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; DDIT-1; OTTHUMP00000010979; OTTHUMP00000010981; DNA damage-inducible transcript-1; DNA-damage-inducible transcript 1; DNA damage-inducible transcript 1 protein; growth arrest and DNA-damage-indu
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/gadd45a-gadd45-antibody-immunofluorescence-immunohistochemistry-immunohistochemistry-western-blot-elisa/21309>