

Anti-GADD45G antibody (90-159) (STJ112324)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 17kDa Observed Mw: 17kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

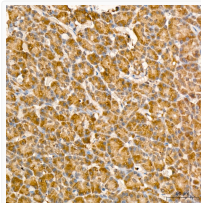
Gene ID	10912
Gene Symbol	GADD45G
UniProt ID	GA45G_HUMAN
Immunogen Region	90-159
Immunogen Sequence	IDIVRVGDVQRLAAIVGAGE EAGAPGDLHCILISNPEDA WKDPALEKLSLFCEESRSVN DWVPSITLPE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 90-159 of human GADD45G (NP_006696.1).

ADDITIONAL INFORMATION

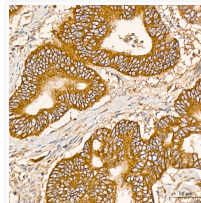
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



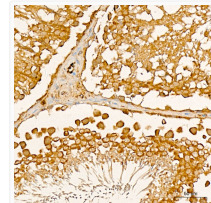
Immunohistochemistry analysis of GADD45G in paraffin-embedded mouse pancreas tissue using GADD45G Rabbit polyclonal antibody (STJ112324) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



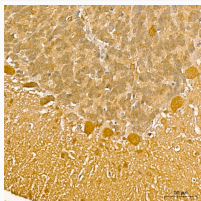
Immunohistochemistry analysis of GADD45G in paraffin-embedded human pancreas tissue using GADD45G Rabbit polyclonal antibody (STJ112324) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



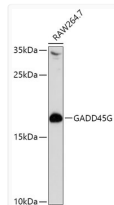
Immunohistochemistry analysis of GADD45G in paraffin-embedded human colon carcinoma tissue using GADD45G Rabbit polyclonal antibody (STJ112324) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of GADD45G in paraffin-embedded rat testis tissue using GADD45G Rabbit polyclonal antibody (STJ112324) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of GADD45G in paraffin-embedded rat brain tissue using GADD45G Rabbit polyclonal antibody (STJ112324) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Western blot analysis of lysates from RAW264 cells, using GADD45G Rabbit polyclonal antibody (STJ112324) at 1:10000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5min.