

Anti-GADD45A antibody (1-165) (STJ23741)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

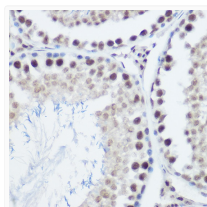
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 18kDa Observed Mw: 18kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

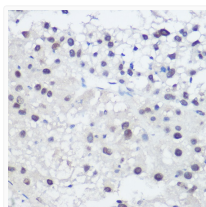
Gene ID	1647
Gene Symbol	GADD45A
UniProt ID	GA45A_HUMAN
Immunogen Region	1-165
Immunogen Sequence	MTLEEFSSAGEQKTERMDKVG DALEEVLSKALSQRTITVGV YEAAKLLNVDPDNVVLCLLA ADEDDDRDVALQIHFTLIQA FCCENDINILRVSNPGR LAE LLLLETDAGPAASEGAEQPP DLHCVLVTNPSSQWKDPAL SQLICFCRESRYMDQWVPVI NLPER
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-165 of human GADD45A (NP_001915.1).

ADDITIONAL INFORMATION

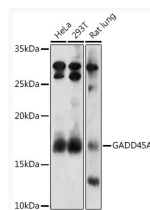
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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Immunohistochemistry analysis of paraffin-embedded mouse testis using GADD45A Rabbit polyclonal antibody (STJ23741) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human liver cancer using GADD45A Rabbit polyclonal antibody (STJ23741) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using GADD45A antibody (STJ23741) at 1:1000 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: 180s.