

Anti-GAPDH antibody (1-335) (STJ11103691)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

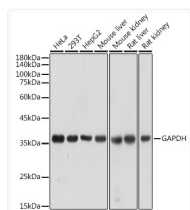
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:2000-1:10000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 IP:0.5ug-4ug antibody for 200ug-400ug extracts of whole cells
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 36kDa Observed Mw: 36kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

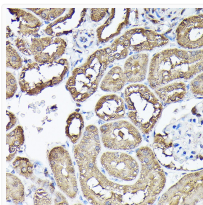
Gene ID	2597
Gene Symbol	GAPDH
UniProt ID	G3P_HUMAN
Immunogen Region	1-335
Immunogen Sequence	MGKVKVGVNGFGRIGRLVTR AAFNSGKVDIVAINDPFIDL NYMVYMFQYDSTHGKFHGT KAENGKLVINGNPITIFQER DPSKIKWGDAGAEYVVESTG VFTTMEKAGAHLQGGAKRVI ISAPSADAPMFVMGVNHEKY DNSLKIISNASCTTNCLAPL AKVIHDNFGIVEGLMTTVHA ITATQKTVDGPGSKLWRDGR GALQNIIPASTGAAKAVGKV IPELNGKLTGMAFRVPTAN
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-335 of human GAPDH (NP_002037.2).

ADDITIONAL INFORMATION

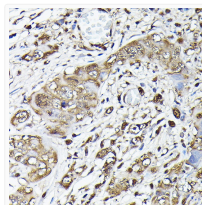
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



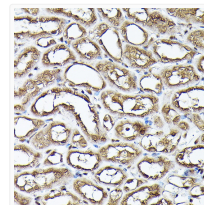
Western blot analysis of various lysates using GAPDH Rabbit pAb (STJ11103691) at 1:10000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 1s.



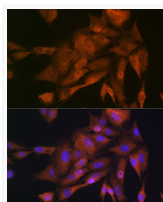
Immunohistochemistry analysis of paraffin-embedded Rat kidney using GAPDH Rabbit pAb (STJ11103691) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.



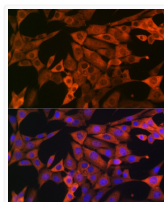
Immunohistochemistry analysis of paraffin-embedded Human liver cancer using GAPDH Rabbit pAb (STJ11103691) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.



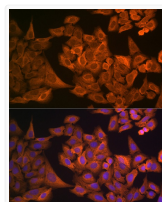
Immunohistochemistry analysis of paraffin-embedded Mouse kidney using GAPDH Rabbit pAb (STJ11103691) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.



Immunofluorescence analysis of C6 cells using GAPDH Rabbit pAb (STJ11103691) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using GAPDH Rabbit pAb (STJ11103691) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using GAPDH Rabbit pAb (STJ11103691) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.