

Anti-GAPDHs antibody (179-408) (STJ112498)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

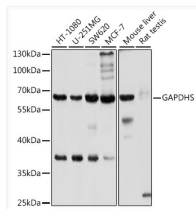
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 45kDa Observed Mw: 60kDa
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	26330
Gene Symbol	GAPDH
UniProt ID	G3PT_HUMAN
Immunogen Region	179-408
Immunogen Sequence	ASDHISAGAQRVVISAPSPD APMFVMGVNENDYNPGSMNI VSNASCCTTNCLAPLAKVIHE RFGIVEGLMTTVHSYTATQK TVDGPSRKAWRDGRGAHQNI IPASTGAAKAVTKVIPELKG KLTGMAFRVPTPDVSVVDLT CRLAQPAPYSAIKEAVKAAA KGPMAGILAYTEDEVVSTDF LGDTHSSIFDAKAGIALNDN FVKLISWYDNEYGYSHRVVD LLRYMFSRDK
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 179-408 of human GAPDH (NP_055179.1).

ADDITIONAL INFORMATION

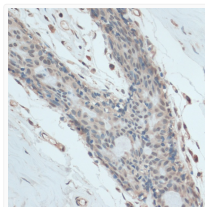
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



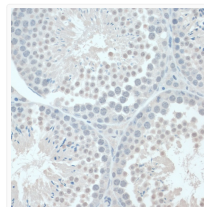
Western blot analysis of various lysates using GAPDHs Rabbit pAb (STJ112498) at 1:1000 dilution.

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: 3s.



Immunohistochemistry analysis of paraffin-embedded Human breast using GAPDHs Rabbit pAb (STJ112498) at dilution of 1:100 (40x lens).
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Mouse testis using GAPDHs Rabbit pAb (STJ112498) at dilution of 1:100 (40x lens).
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Rat heart using GAPDHs Rabbit pAb (STJ112498) at dilution of 1:100 (40x lens).
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.