

Anti-HSP90AA1 antibody (629-732) (STJ114322)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

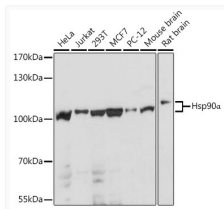
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 85kDa Observed Mw: 101kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

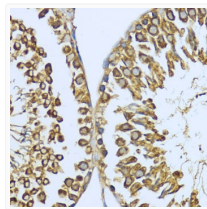
Gene ID	3320
Gene Symbol	HSP90AA1
UniProt ID	HS90A_HUMAN
Immunogen Region	629-732
Immunogen Sequence	AAKKHLEINPDHSIIETLRQ KAEADKNDKSVKDLVILLYE TALLSSGFSLEDPQTHANRI YRMIKLGLGIDEDDPTADDT SAAVTEEMPPLEGDDDDTSRM EEVD
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 629-732 of human Hsp90 Alpha (NP_005339.3).

ADDITIONAL INFORMATION

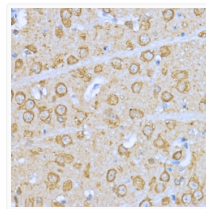
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



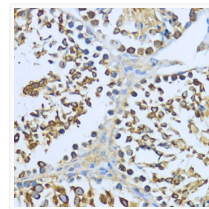
Western blot analysis of various lysates using Hsp90 Alpha Rabbit pAb (STJ114322) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 30s.



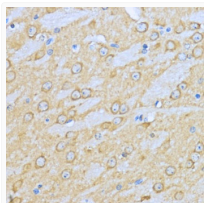
Immunohistochemistry analysis of paraffin-embedded Rat testis using Hsp90 Alpha Rabbit pAb (STJ114322) at dilution of 1:200 (40x lens).
 Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



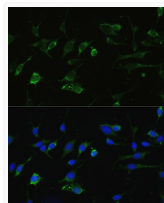
Immunohistochemistry analysis of paraffin-embedded Rat brain using Hsp90 Alpha Rabbit pAb (STJ114322) at dilution of 1:200 (40x lens).
 Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Mouse testis using Hsp90 Alpha Rabbit pAb (STJ114322) at dilution of 1:200 (40x lens).
 Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using Hsp90 Alpha Rabbit pAb (STJ114322) at dilution of 1:200 (40x lens).
 Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunofluorescence analysis of C6 cells using Hsp90 Alpha Rabbit pAb (STJ114322) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.