

Anti-SP1 antibody (420-620) (STJ116866)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

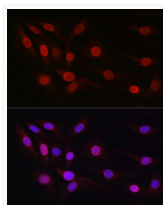
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 81kDa Observed Mw: 90kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

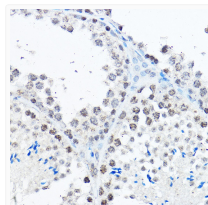
Gene ID	6667
Gene Symbol	SP1
UniProt ID	SP1_HUMAN
Immunogen Region	420-620
Immunogen Sequence	LSGQTFTTQAISQETLQNLQ LQAVPNSGPIIIRTPTVGPN GQVSWQTLQLQNLQVQNPQA QTITLAPMQGVSLGQTSSSN TTLTPIASAASIPAGTVTVN AAQLSSMPGLQTINLSALGT SGIQVHPQQGLPLAIANAPG DHGAQLGLHGAGGDDGIHDDT AGGEEGENSPDAQPQAGRRT RREACTCPYCKDSEGRGSGD P
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 420-620 of human SP1 (NP_612482.2).

ADDITIONAL INFORMATION

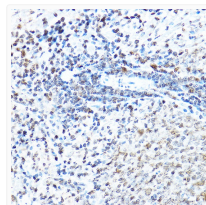
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



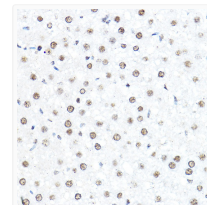
Immunofluorescence analysis of NIH/3T3 cells using SP1 Rabbit polyclonal antibody (STJ116866) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



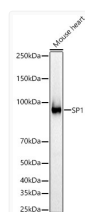
Immunohistochemistry analysis of paraffin-embedded mouse testis using SP1 Rabbit polyclonal antibody (STJ116866) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat spleen using SP1 Rabbit polyclonal antibody (STJ116866) at dilution of 1:50 (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 rat liver using SP1 Rabbit polyclonal antibody (STJ116866) at dilution of 1:50 (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 Mouse heart, using SP1 antibody (STJ116866) at 1:600 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.