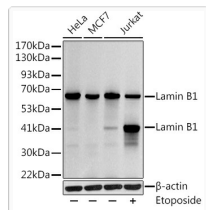
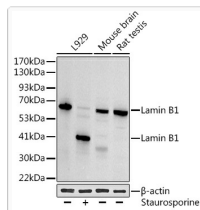


Anti-LMNB1 antibody (397-588) (STJ24413)

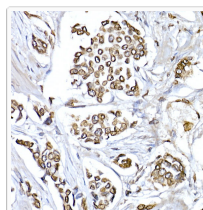
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/IP/ELISA/ChIP
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specif
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 66kDa Observed Mw: 68kDa/45kDa
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	4001
Gene Symbol	LMNB1
UniProt ID	LMNB1_HUMAN
Immunogen Region	397-588
Immunogen Sequence	RVTVSRASSRSVRTRTGKR KRVDVEESEASSSVSISHSA SATGNVCIEEIDVDGKFIRL KNTSEQDQPMGGWEMIRKIG DTSVSYKYTSRYVLKAGQTV TIWAANAGVTASPPTDLIWK NQNSWGTGEDVKVILKNSQG EEVAQRSTVFKTTIPEEEEE EEEAAGVVVEELFHQQGTP RASNRSCAIM
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 397-586 of human Lamin B1 (NP_005564.1).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



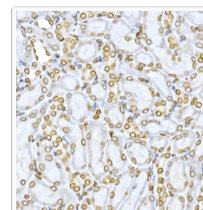
Western blot analysis of extracts of various cell lines, using Lamin B1 antibody (STJ24413) at 1:1000 dilution. Jurkat cells were treated by Etoposide (25 uM) at 37 °C for 5 hours. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



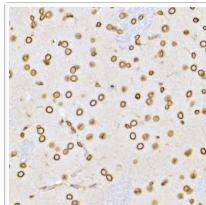
Western blot analysis of extracts of various cell lines, using Lamin B1 antibody (STJ24413) at 1:1000 dilution. L929 cells were treated by staurosporine (1 uM) for 3 hour. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



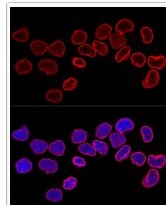
Immunohistochemistry analysis of paraffin-embedded human breast cancer using Lamin B1 rabbit polyclonal antibody (STJ24413) at dilution of 1:150 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



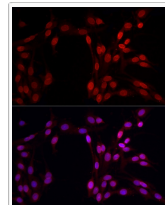
Immunohistochemistry analysis of paraffin-embedded mouse kidney using Lamin B1 rabbit polyclonal antibody (STJ24413) at dilution of 1:150 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



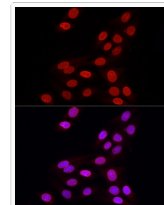
Immunohistochemistry analysis of paraffin-embedded rat brain using Lamin B1 rabbit polyclonal antibody (STJ24413) at dilution of 1:150 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



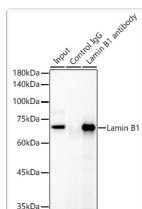
Confocal immunofluorescence analysis of HeLa cells using Lamin B1 Polyclonal Antibody (STJ24413) at dilution of 1:200. Blue: DAPI for nuclear staining.



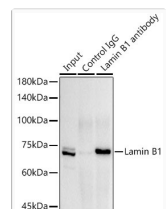
Immunofluorescence analysis of PC-12 cells using Lamin B1 rabbit polyclonal antibody (STJ24413) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



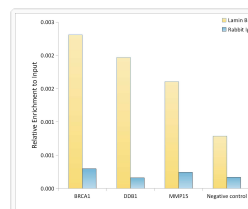
Immunofluorescence analysis of U2OS cells using Lamin B1 rabbit polyclonal antibody (STJ24413) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300 Mu g extracts of HeLa cells using 3 Mu g Lamin B1 antibody (STJ24413). Western blot was performed from the immunoprecipitate using Lamin B1 antibody (STJ24413) at a dilution of 1:1000.



Immunoprecipitation analysis of 300 Mu g extracts of HeLa cells using 3 Mu g Lamin B1 antibody (STJ24413). Western blot was performed from the immunoprecipitate using Lamin B1 (STJ24413) at a dilution of 1:1000.



Chromatin immunoprecipitation analysis of extracts of HeLa cells, using Lamin B1 rabbit polyclonal antibody (STJ24413) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.