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

STJ24413

GENERAL INFORMATION

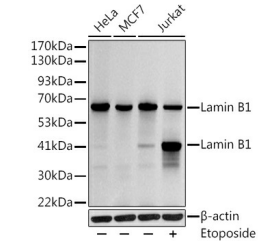
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/IP/ELISA/ChIP
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

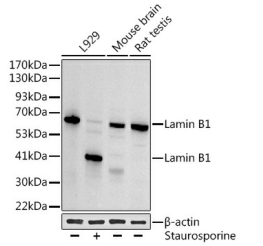
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specif
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

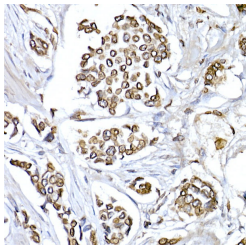
Gene ID	4001
Gene Symbol	LMNB1
Uniprot ID	LMNB1_HUMAN
Immunogen	
Immunogen Region	397-588
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 397-586 of human Lamin B1 (NP_005564.1).
Immunogen Sequence	RVTVSRASSSRSVRTTRGKR KRVDVEESEASSSVSISHSA SATGNVCIEEIDVDGKFIRL KNTSEQDQPMGGWEMIRKIG DTSVSYKYTSRYVLKAGQTV TIWAANAGVTASPPTDLIWK NQNSWGTGEDVKVILKNSQG EEVAQRSTVFKTTIPEEEEE EEEAAGVVVEEELFHQQGTP RASNRSCAIM



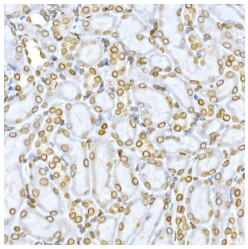
Western blot analysis of extracts of various cell lines, using Lamin B1 antibody (STJ24413) at 1:1000 dilution. Jurkat cells were treated by Etoposide (25 uM) at 37 Â°C for 5 hours. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. 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.

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