10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Lamin B1 Polyclonal Antibody
Catalog # AP73363

Specification

Lamin B1 Polyclonal Antibody - Product Information

Application	**WB, IHC-P**
Primary Accession	P20700
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**

Lamin B1 Polyclonal Antibody - Additional Information

Gene ID 4001

Other Names
LMNB1; LMN2; LMNB; Lamin-B1

Dilution
WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.
IHC-P~~N/A

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

Lamin B1 Polyclonal Antibody - Protein Information

Name LMNB1

Synonyms LMN2, LMNB

Function
Lamins are intermediate filament proteins that assemble into a filamentous meshwork, and which constitute the major components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane (PubMed:28716252, PubMed:32910914). Lamins provide a framework for the nuclear envelope, bridging the nuclear envelope and chromatin, thereby playing an important role in nuclear assembly, chromatin organization, nuclear membrane and telomere dynamics (PubMed:28716252, PubMed:32910914). The structural integrity of the lamina is strictly controlled by the cell cycle, as seen by the disintegration and formation of the nuclear envelope in prophase and telophase, respectively (PubMed:28716252,

PubMed:32910914).

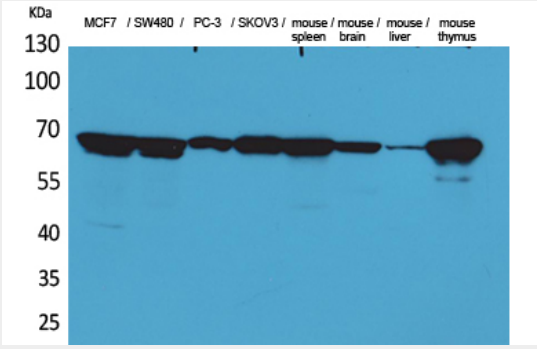
Cellular Location
Nucleus lamina

Lamin B1 Polyclonal Antibody - Protocols

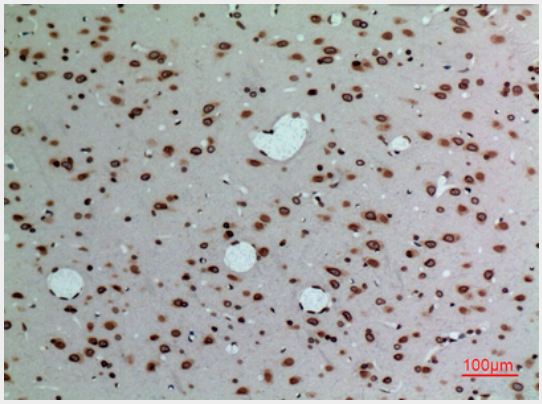
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Lamin B1 Polyclonal Antibody - Images



Western Blot analysis of MCF7, SW480, PC-3, SKOV3, mouse spleen, mouse brain, mouse liver, mouse thymus cells using Lamin B1 Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100

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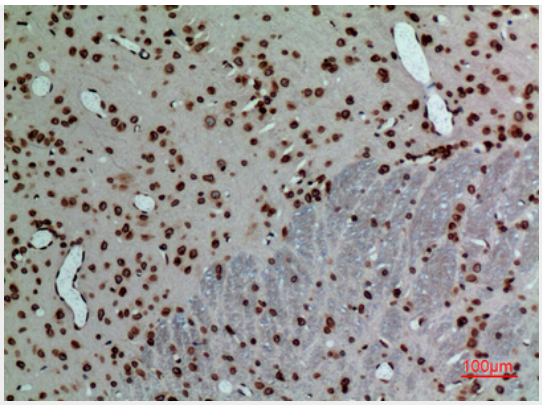

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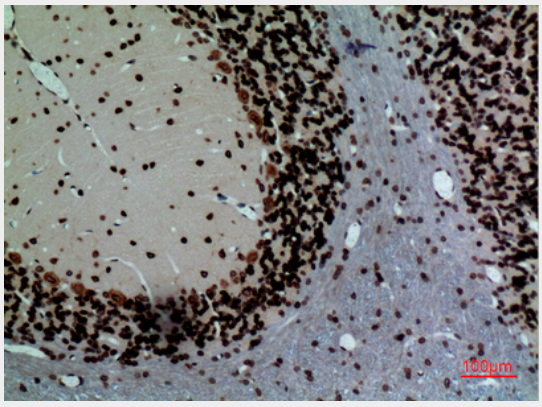

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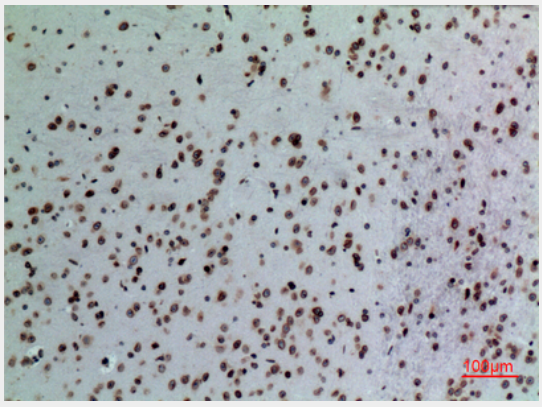

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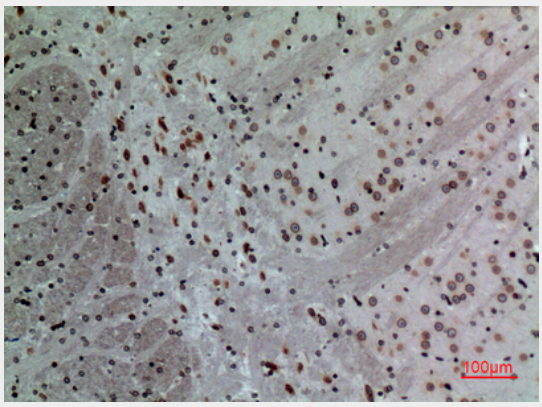

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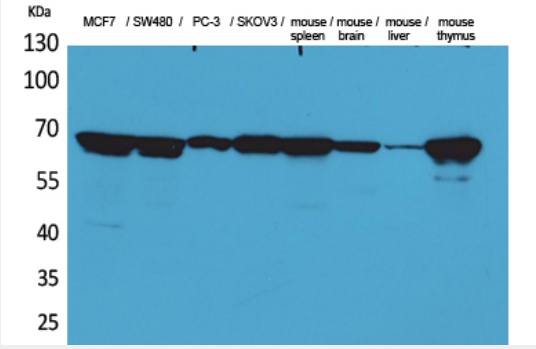

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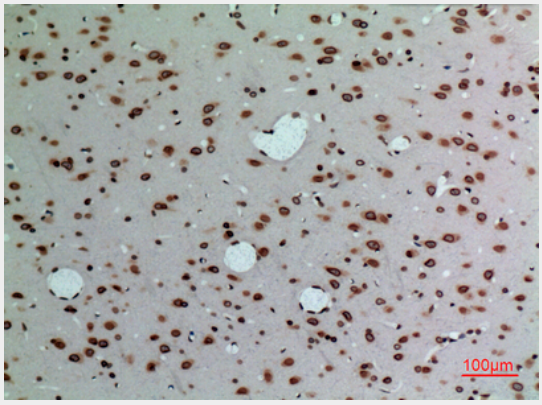

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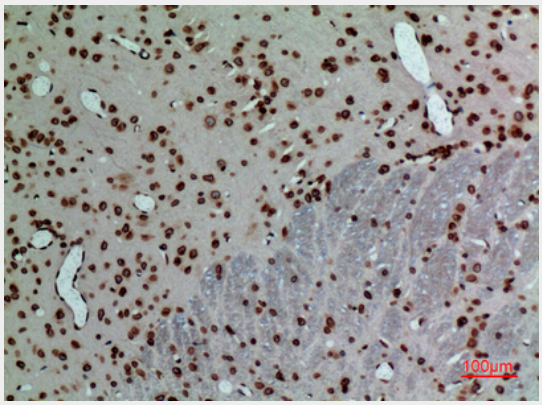

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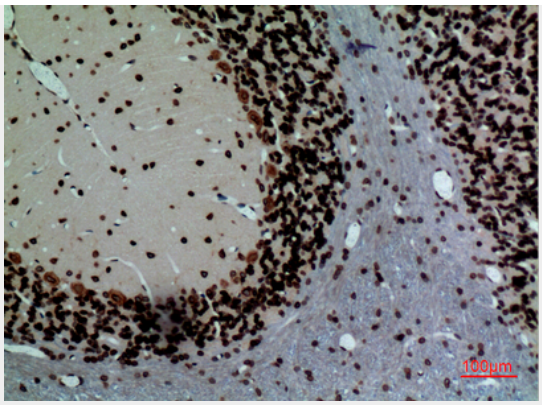

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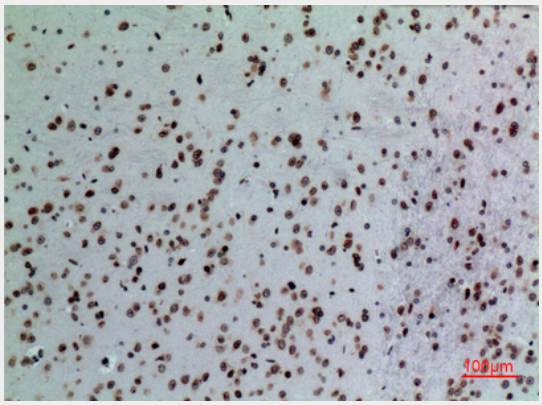

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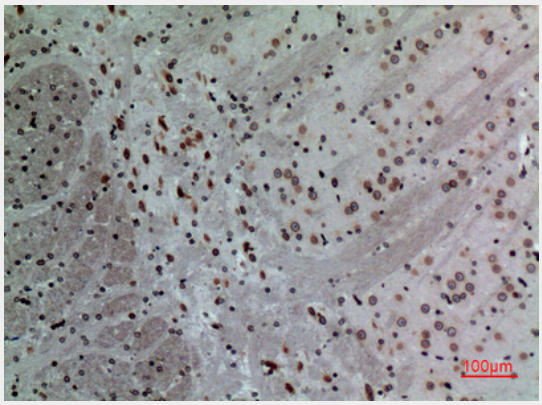

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Lamin B1 Polyclonal Antibody - Background

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