



GEMIN2 Polyclonal Antibody

Catalog No: tcba8023

Available Sizes	
Size: 50ul	
Size: 100ul	
Size: 200ul	
Specifications	
Application: WB,IHC,IF	
Research Area: Neuroscience,	
Species Reactivity: Human,Mouse,Rat	
Host Species: Rabbit	
Isotype: IgG	
Form: Liquid	
Storage Buffer: Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.	
Recommended Dilution: WB 1:500 - 1:1000 IHC 1:50 - 1:200 IF 1:50 - 1:200	



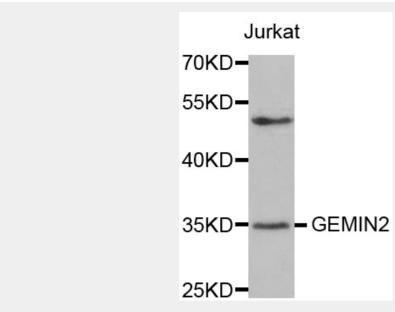
Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

Storage Instruction: Store at -20°C. Avoid freeze / thaw cycles.	
Alternative Names: SIP1;SIP1-delta	
SwissProt: 014893	
Gene ID: 8487 (human);	
Calculated Molecular Weight: 4kDa/28kDa/29kDa/31kDa	
Purification: Affinity purification	
Cellular Location: Cytoplasm, Nucleus, gem,	

Product Description

This gene encodes one of the proteins found in the SMN complex, which consists of several gemin proteins and the protein known as the survival of motor neuron protein. The SMN complex is localized to a subnuclear compartment called gems (gemini of coiled bodies) and is required for assembly of spliceosomal snRNPs and for pre-mRNA splicing. This protein interacts directly with the survival of motor neuron protein and it is required for formation of the SMN complex. A knockout mouse targeting the mouse homolog of this gene exhibited disrupted snRNP assembly and motor neuron degeneration.





Western blot analysis of extracts of Jurkat cells, using GEMIN2 antibody at 1:500 dilution.

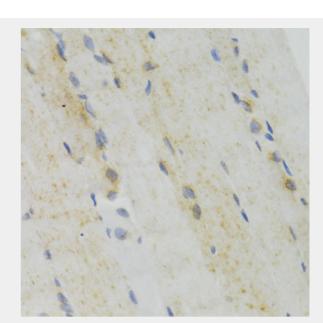
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

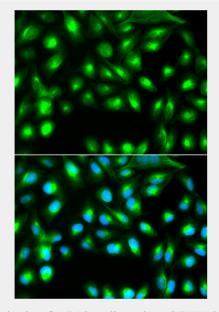
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

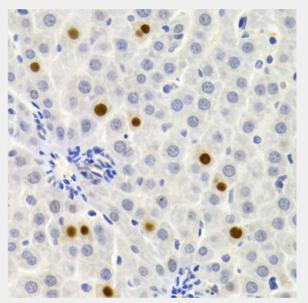
Exposure time: 90s.



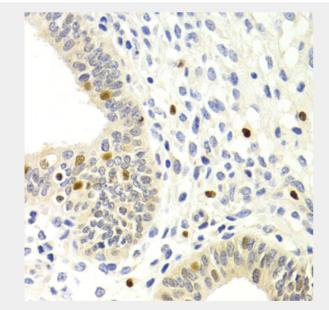
Immunohistochemistry of paraffin-embedded mouse skeletal muscle using GEMIN2
Antibody at dilution of 1:100 (40x lens).



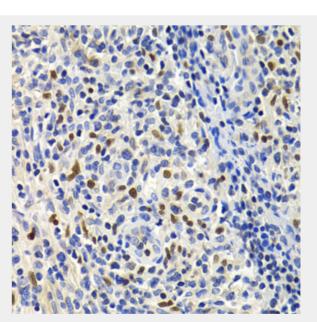
Immunofluorescence analysis of A549 cells using GEMIN2 antibody. Blue: DAPI for nuclear staining.



Immunohistochemistry of paraffin-embedded rat liver using GEMIN2 Antibody at dilution of 1:200 (40x lens).

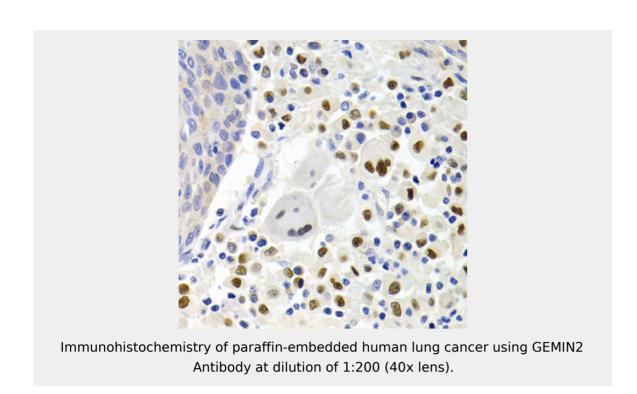


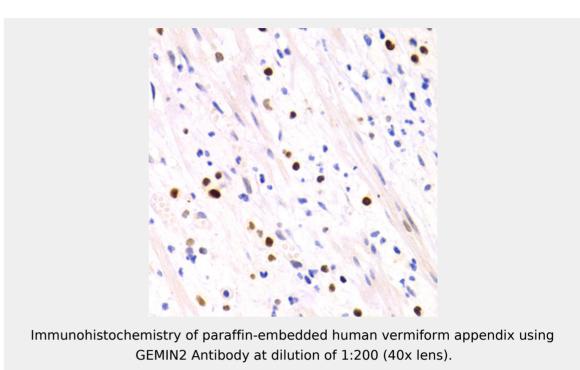
Immunohistochemistry of paraffin-embedded human uterine cancer using GEMIN2
Antibody at dilution of 1:200 (40x lens).

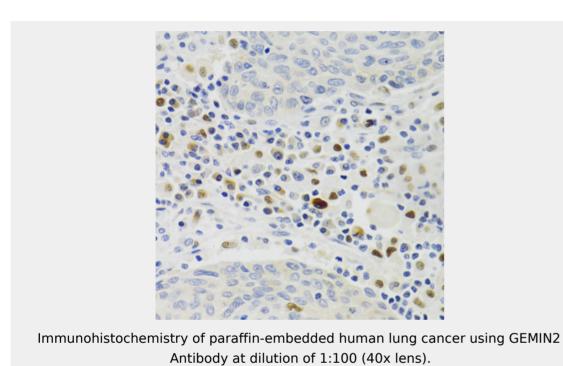


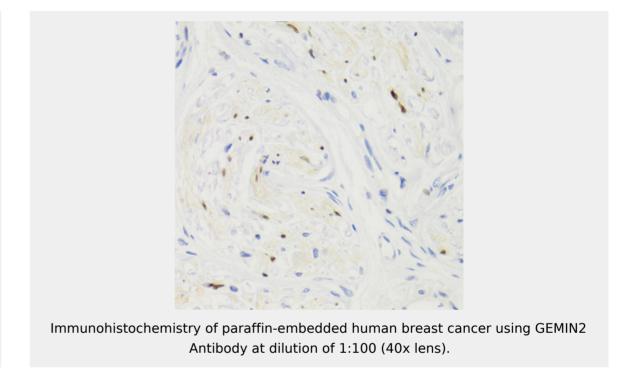
Immunohistochemistry of paraffin-embedded human lymphonodus using GEMIN2 Antibody at dilution of 1:200 (40x lens).

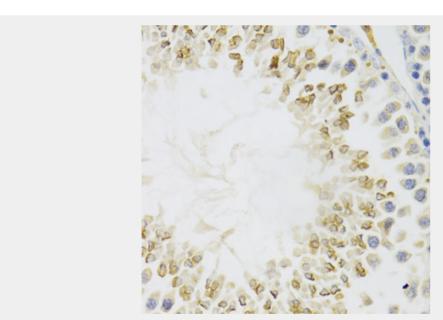












Immunohistochemistry of paraffin-embedded mouse testis using GEMIN2 Antibody at dilution of 1:100 (40x lens).

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!