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

SAFB Polyclonal Antibody

Catalog No: tcba11562

Available Sizes

Size: 50ul

Size: 100ul

Size: 200ul

Specifications

Application:
WB,IHC

Research Area:
RNA Binding Protein(RBP),

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 - 1:2000
IHC 1:50 - 1:200

Storage Instruction:

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Store at -20℃. Avoid freeze / thaw cycles.

Alternative Names:
HAP;HET;SAB-B1;SAF-B;SAF-B1;SAFB1

SwissProt:
Q15424

Gene ID:
6294 (human);

Calculated Molecular Weight:
95kDa/102kDa

Purification:
Affinity purification

Cellular Location:
Nucleus,

Product Description

This gene encodes a DNA-binding protein which has high specificity for scaffold or matrix attachment region DNA elements (S/MAR DNA). This protein is thought to be involved in attaching the base of chromatin loops to the nuclear matrix but there is conflicting evidence as to whether this protein is a component of chromatin or a nuclear matrix protein. Scaffold attachment factors are a specific subset of nuclear matrix proteins (NMP) that specifically bind to S/MAR. The encoded protein is thought to serve as a molecular base to assemble a \'transcriptosome complex\' in the vicinity of actively transcribed genes. It is involved in the regulation of heat shock protein 27 transcription, can act as an estrogen receptor co-repressor and is a candidate for breast tumorigenesis. This gene is arranged head-to-head with a similar gene whose product has the same functions. Multiple transcript variants encoding different isoforms have been found for this gene.

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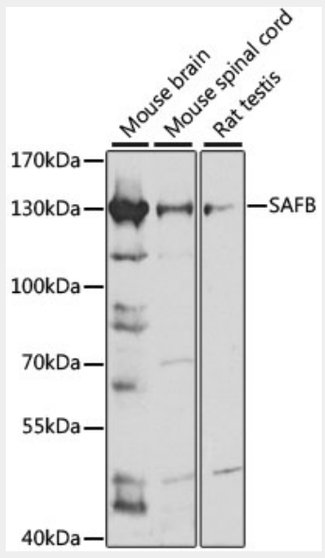
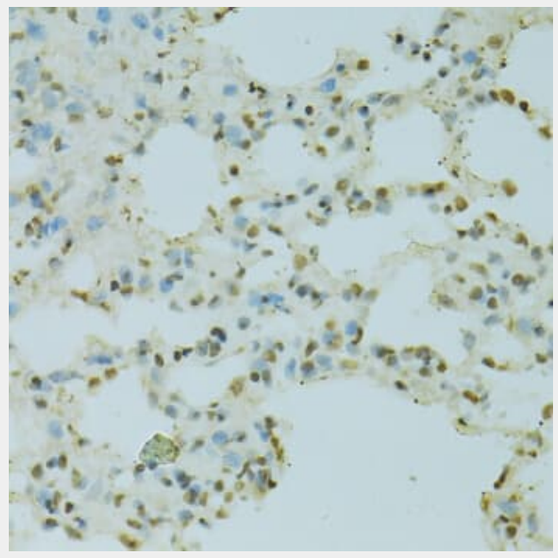
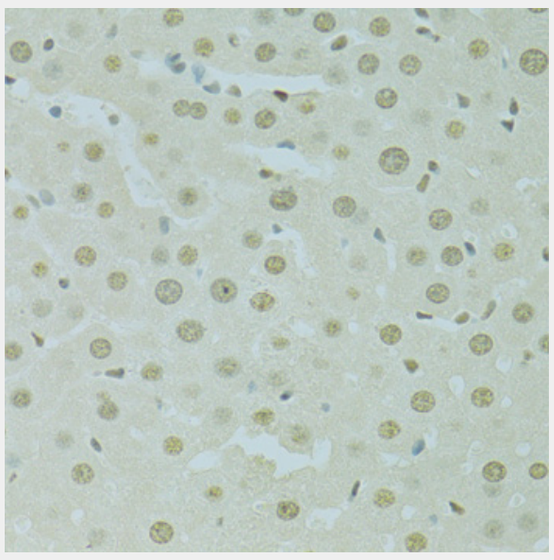


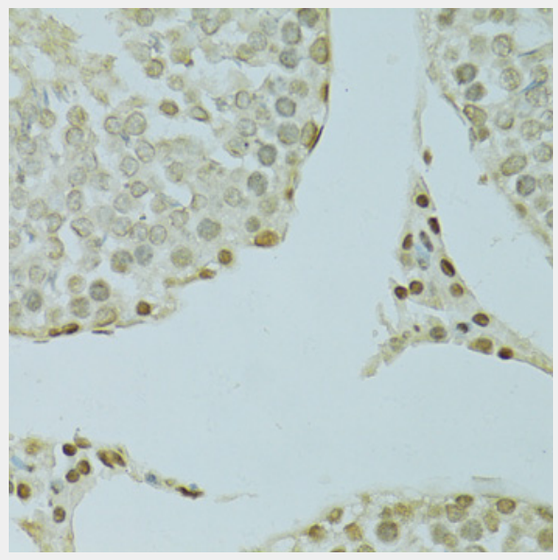
Western blot analysis of extracts of various cell lines, using SAFB antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit.
Exposure time: 20s.



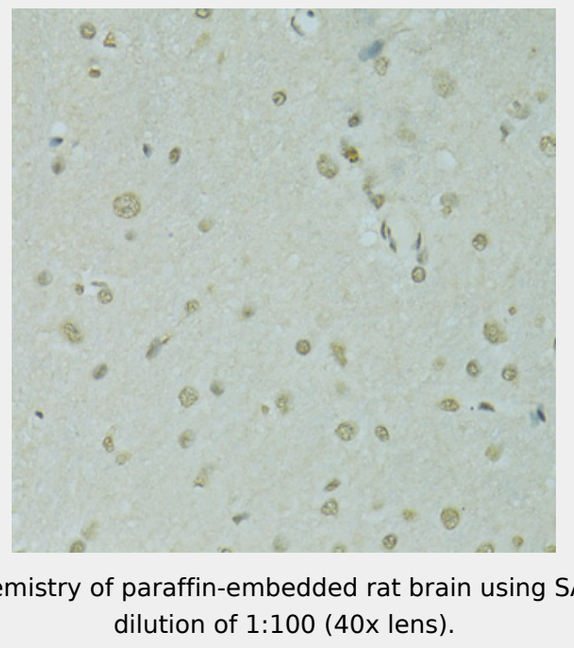
Immunohistochemistry of paraffin-embedded rat lung using SAFB antibody at dilution of 1:100 (40x lens).



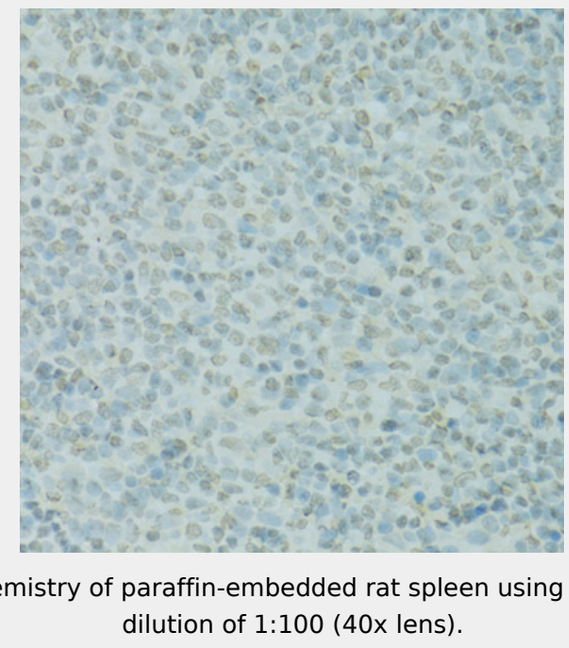
Immunohistochemistry of paraffin-embedded rat liver using SAFB antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat testis using SAFB antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat brain using SAFB antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat spleen using SAFB antibody at dilution of 1:100 (40x lens).

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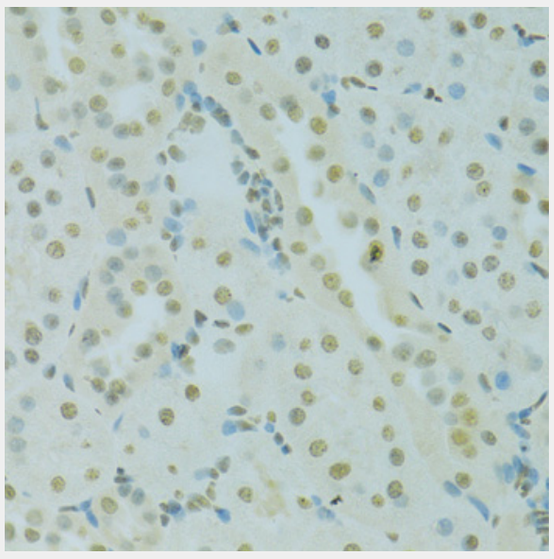
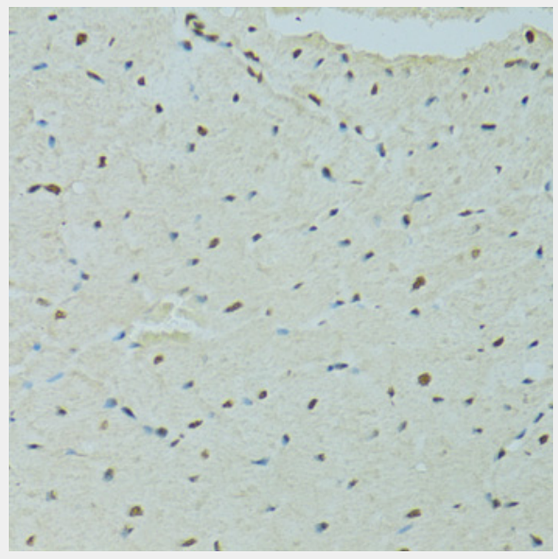
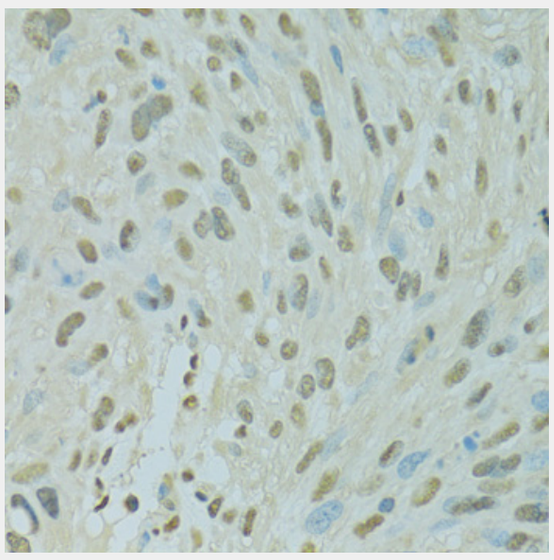


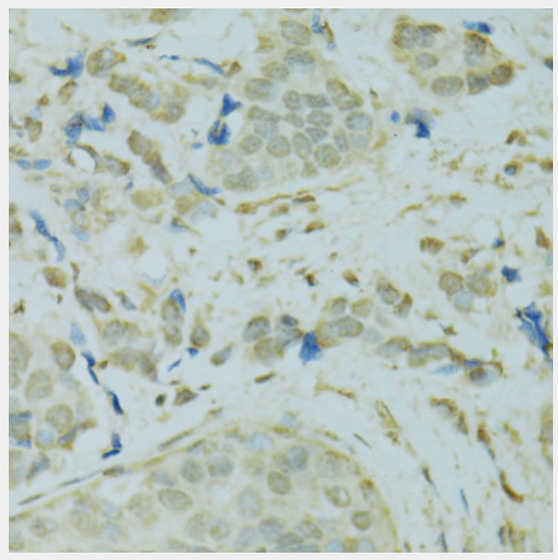
Immunohistochemistry of paraffin-embedded rat kidney using SAFB antibody at dilution of 1:100 (40x lens).



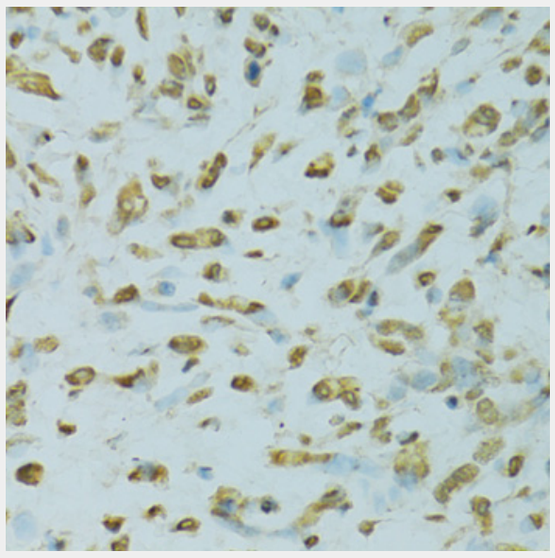
Immunohistochemistry of paraffin-embedded rat heart using SAFB antibody at dilution of 1:100 (40x lens).



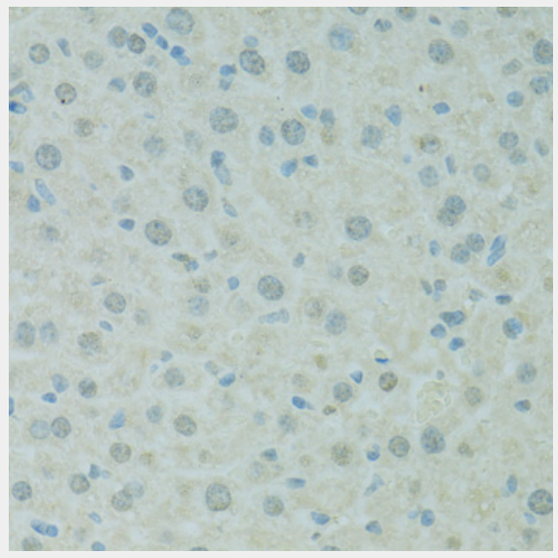
Immunohistochemistry of paraffin-embedded human liver cancer using SAFB antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human breast cancer using SAFB antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human gastric cancer using SAFB antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse liver using SAFB antibody at dilution of 1:100 (40x lens).

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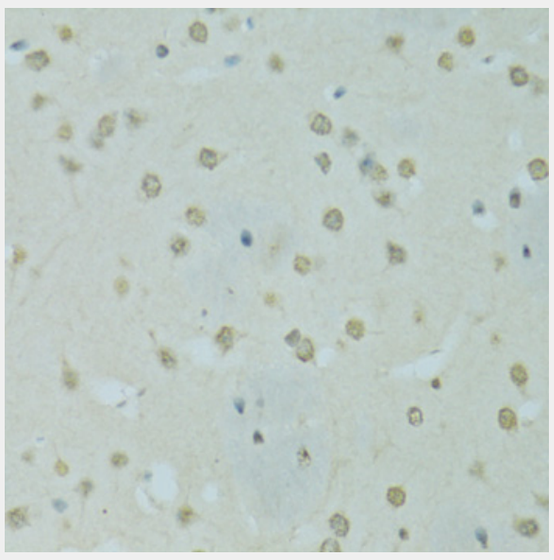
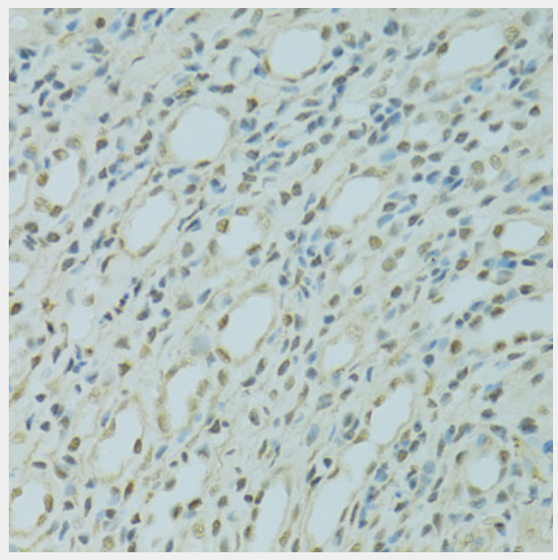
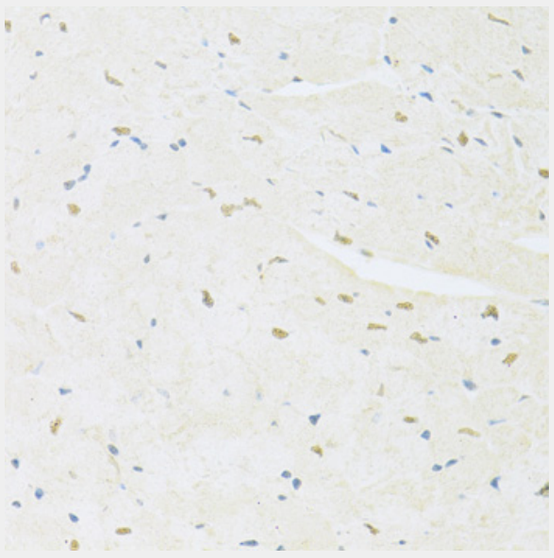


Immunohistochemistry of paraffin-embedded mouse brain using SAFB antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using SAFB antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse heart using SAFB antibody at dilution of 1:100 (40x lens).