

SMARCE1 Polyclonal Antibody

Catalog No: tcba9291



Available Sizes

Size: 50ul

Size: 100ul

Size: 200ul



Specifications

Application:

WB,IHC,IF

Research Area:

Chromatin Remodeling,

Species Reactivity:

Human,Mouse

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

IF 1:50 - 1:200

Storage Instruction:

Store at -20°C. Avoid freeze / thaw cycles.

Alternative Names:

BAF57;CSS5

SwissProt:

Q969G3

Gene ID:

6605 (human);

Calculated Molecular Weight:

34kDa/37kDa/39kDa/41kDa/42kDa/46kDa

Purification:

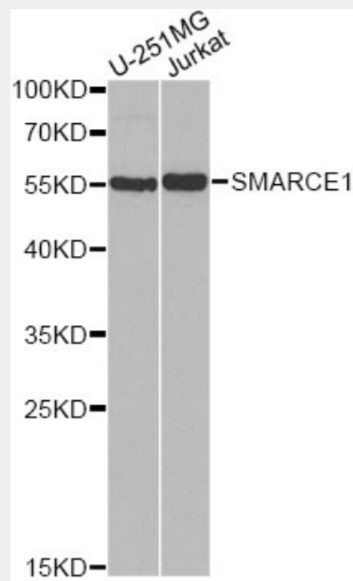
Affinity purification

Cellular Location:

Nucleus,

Product Description

The protein encoded by this gene is part of the large ATP-dependent chromatin remodeling complex SWI/SNF, which is required for transcriptional activation of genes normally repressed by chromatin. The encoded protein, either alone or when in the SWI/SNF complex, can bind to 4-way junction DNA, which is thought to mimic the topology of DNA as it enters or exits the nucleosome. The protein contains a DNA-binding HMG domain, but disruption of this domain does not abolish the DNA-binding or nucleosome-displacement activities of the SWI/SNF complex. Unlike most of the SWI/SNF complex proteins, this protein has no yeast counterpart.



Western blot analysis of extracts of various cell lines, using SMARCE1 antibody at 1:1000 dilution.

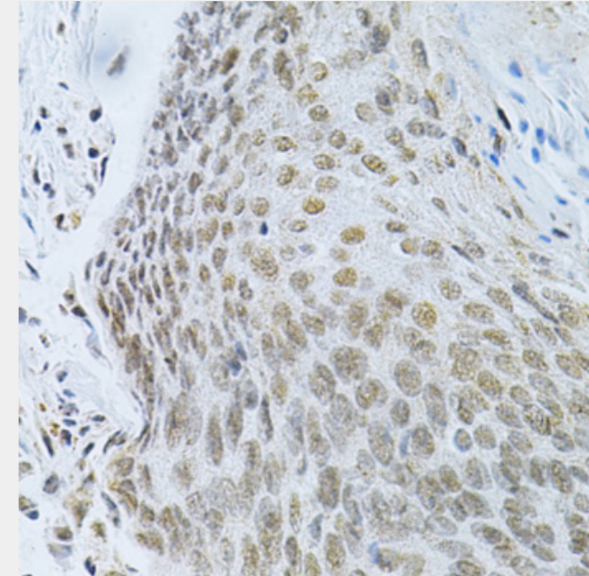
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

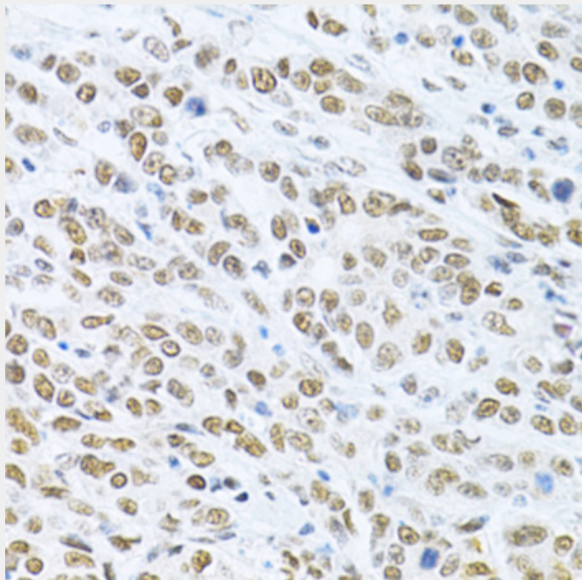
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

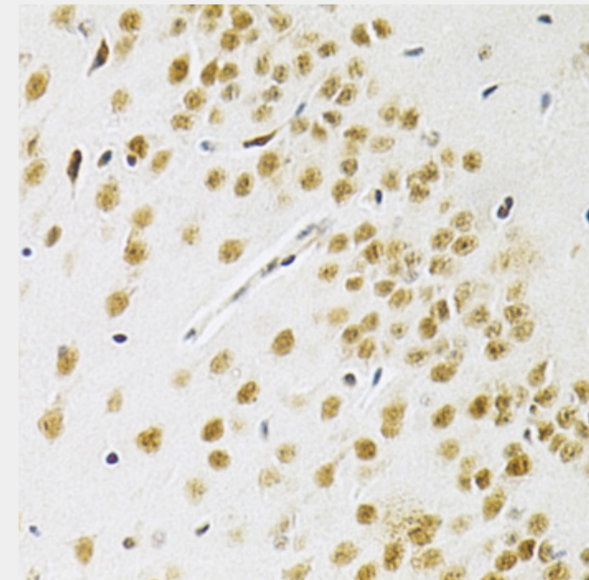
Exposure time: 90s.



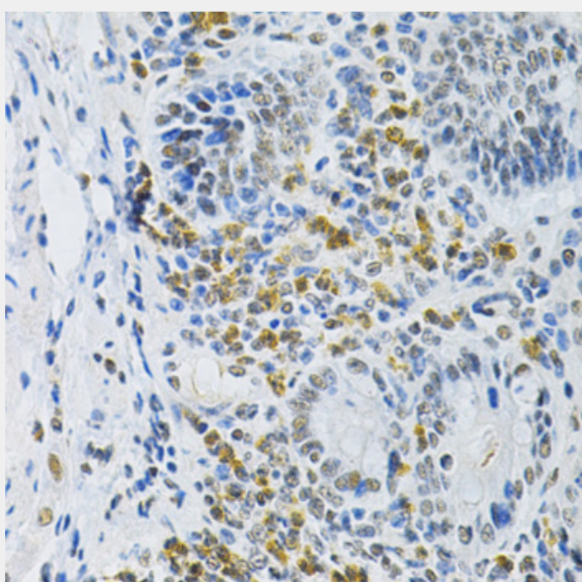
Immunohistochemistry of paraffin-embedded human esophageal cancer using SMARCE1 Antibody at dilution of 1:200 (40x lens).



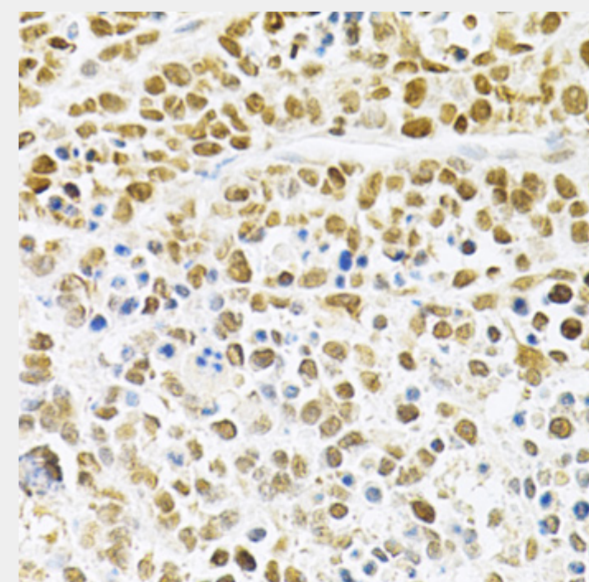
Immunohistochemistry of paraffin-embedded human gastric cancer using SMARCE1 Antibody at dilution of 1:200 (40x lens).



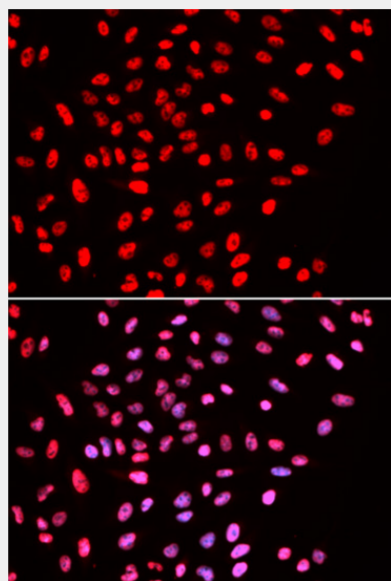
Immunohistochemistry of paraffin-embedded mouse brain using SMARCE1 Antibody at dilution of 1:200 (40x lens).



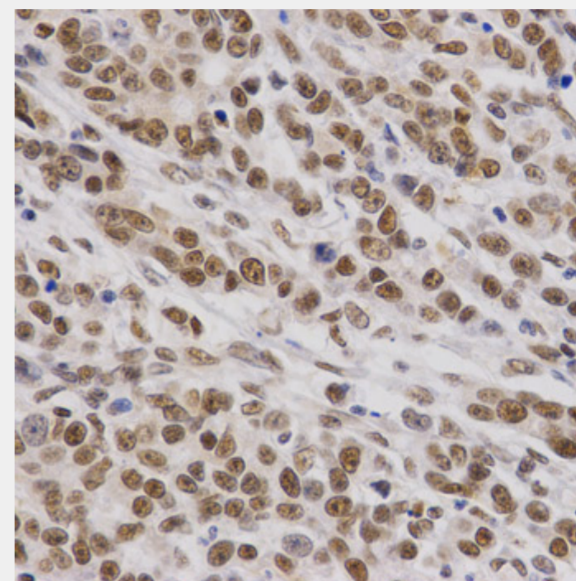
Immunohistochemistry of paraffin-embedded mouse stomach using SMARCE1 Antibody at dilution of 1:200 (40x lens).



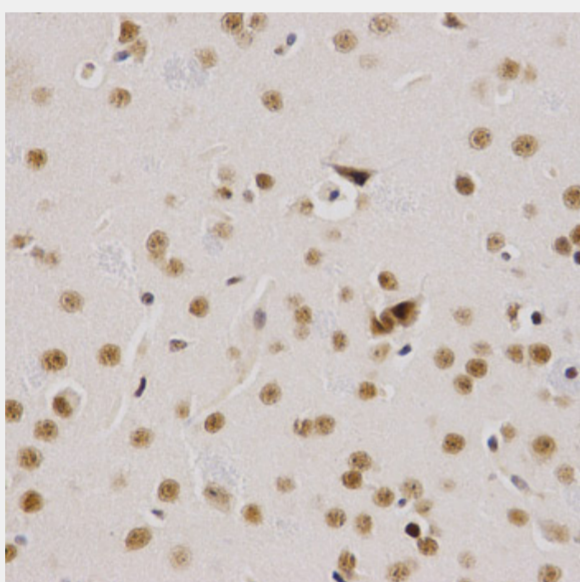
Immunohistochemistry of paraffin-embedded mouse breast cancer using SMARCE1 Antibody at dilution of 1:200 (40x lens).



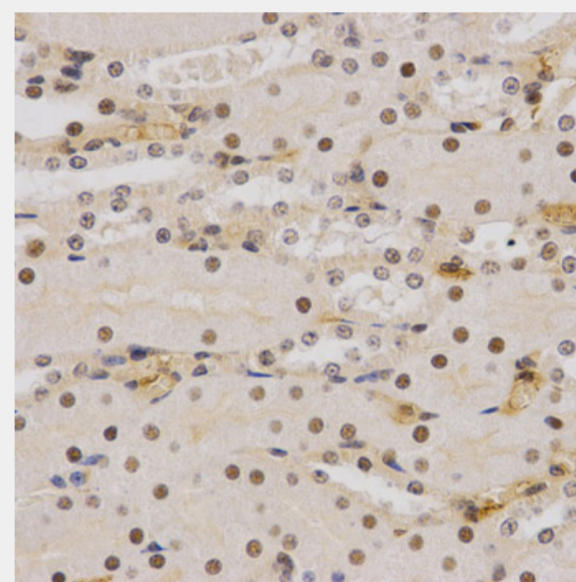
Immunofluorescence analysis of U2OS cells using SMARCE1 antibody. Blue: DAPI for nuclear staining.



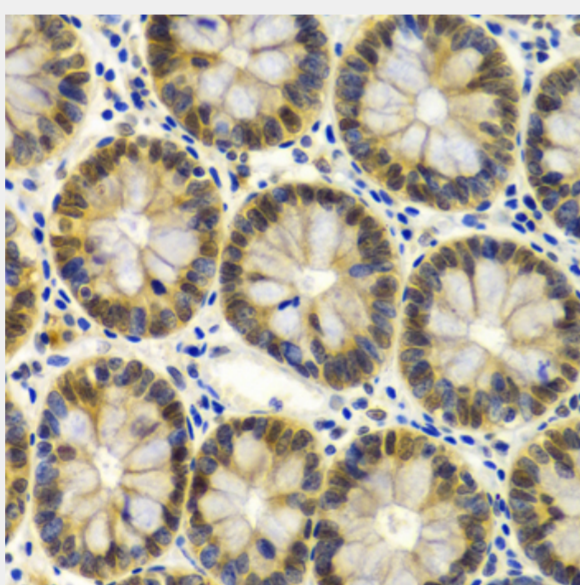
Immunohistochemistry of paraffin-embedded human gastric cancer using SMARCE1 Antibody at dilution of 1:200 (40x lens).



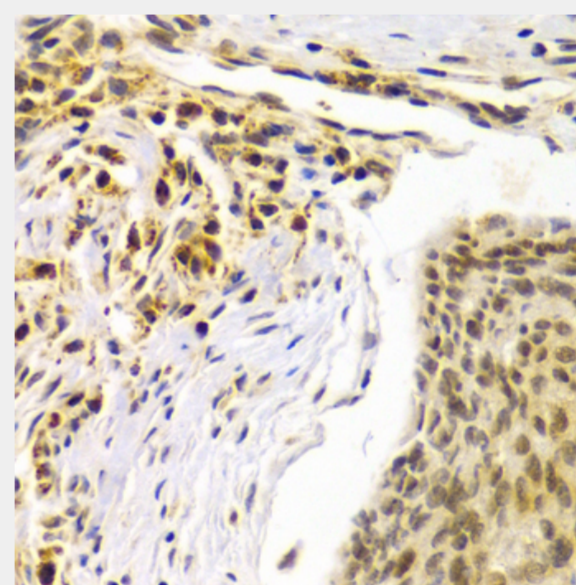
Immunohistochemistry of paraffin-embedded mouse brain using SMARCE1 Antibody at dilution of 1:200 (40x lens).



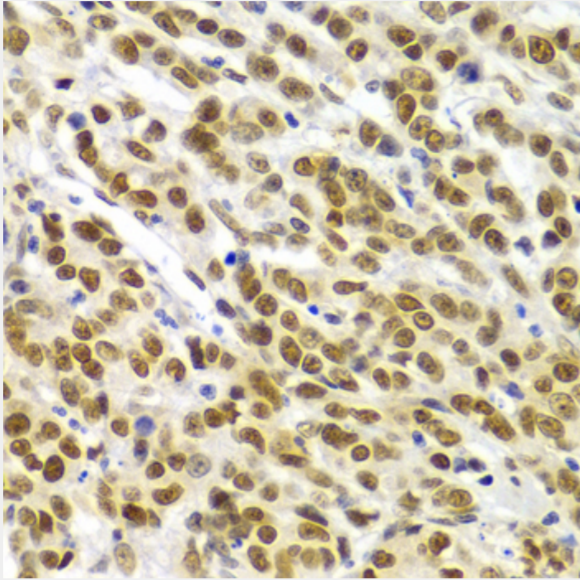
Immunohistochemistry of paraffin-embedded mouse kidney using SMARCE1 Antibody at dilution of 1:200 (40x lens).



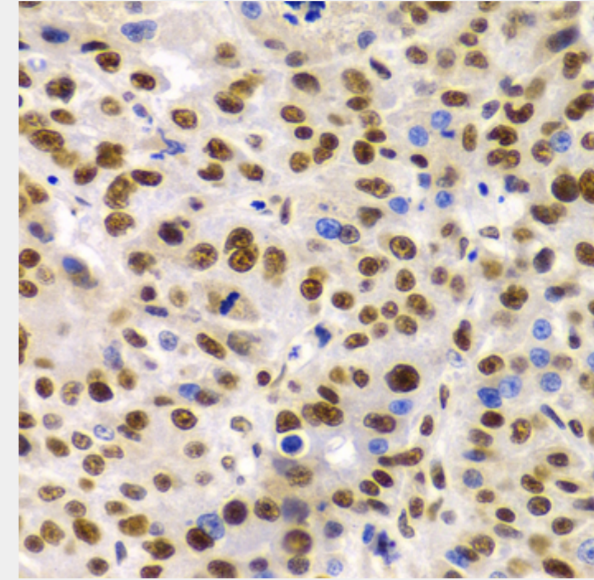
Immunohistochemistry of paraffin-embedded human colon using SMARCE1 Antibody at dilution of 1:100 (40x lens).



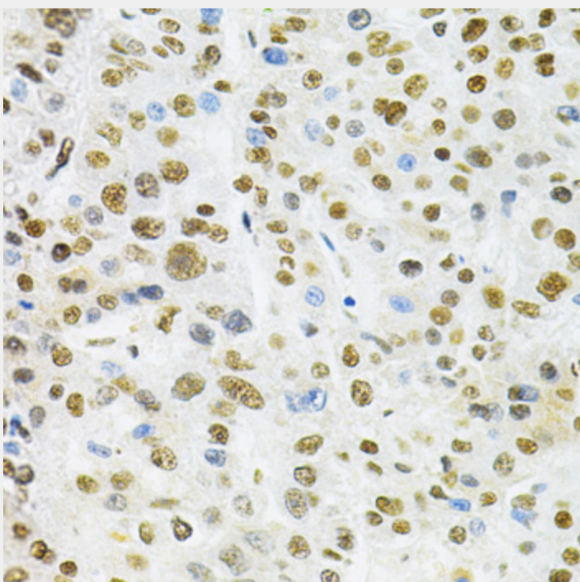
Immunohistochemistry of paraffin-embedded human esophageal cancer using SMARCE1 Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human gastric cancer using SMARCE1 Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human liver cancer using SMARCE1 Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human liver cancer using SMARCE1 Antibody at dilution of 1:200 (40x lens).

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