[KO Validated] SMARCE1 Rabbit Polyclonal Antibody



CAB13353

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

55kDa

Calculated MW:

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

Applications:

WB IHC IF IP

Reactivity:

Human, Mouse, Rat

Protein Background

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.

Immunogen information

Gene ID:

6605

Uniprot

Q969G3

Synonyms:

SMARCE1; BAF57; CSS5

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 IP

1:20 - 1:50

Source:

Rabbit

Isotype: IgG Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-411 of human SMARCE1 (NP_003070.3).

Storage:

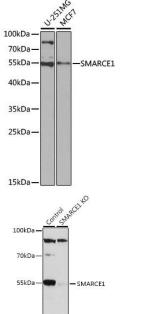
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

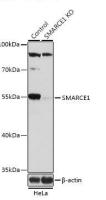
Purification:

Affinity purification

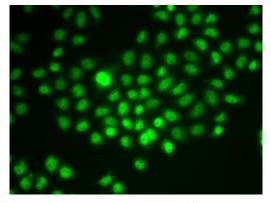
Product Images



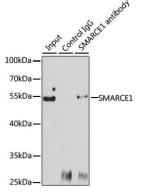
Western blot analysis of extracts of various cell lines, using SMARCE1 antibody (CAB13353) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Western blot analysis of extracts from normal (control) and SMARCE1 knockout (KO) HeLa cells, using SMARCE1 antibody (CAB13353) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 15s.



Immunofluorescence analysis of HeLa cells using SMARCE1 antibody (CAB13353).



Immunoprecipitation analysis of 150ug extracts of Jurkat cells using 3ug SMARCE1 antibody (CAB13353). Western blot was performed from the immunoprecipitate using SMARCE1 antibody (CAB13353) at a dilition of 1:1000.