

SMARCAD1 Rabbit mAb

Catalog NO.: A26920

Recombinant

1 Publications

Basic Information

Observed MW

150 kDa

Calculated MW

68 kDa/117 kDa

Category

Monoclonal Antibodies

Applications

WB, IP, IF/ICC, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Clone number

ARC68058

Background

This gene encodes a member of the SNF subfamily of helicase proteins. The encoded protein plays a critical role in the restoration of heterochromatin organization and propagation of epigenetic patterns following DNA replication by mediating histone H3/H4 deacetylation. Mutations in this gene are associated with adermatoglyphia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Recommended Dilutions

WB	1:25000 - 1:50000
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IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
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IF/ICC	1:200 - 1:800
IHC-P	1:200 - 1:800

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Contact

Immunogen Information

Gene ID	Swiss Prot
56916	Q9H4L7

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

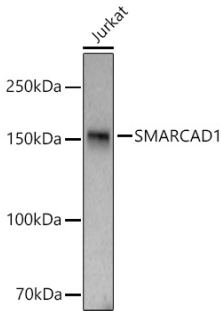
HRZ; TYS; ETL1; HEL1; ADERM; BASNS

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.		

Validation Data



Western blot analysis of lysates from Jurkat cells using SMARCAD1 Rabbit mAb (A26920) at 1:50000 dilution incubated at room temperature for 1.5 hours.

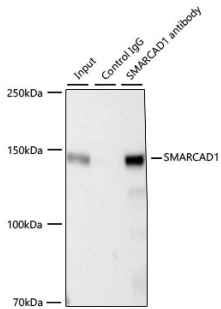
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

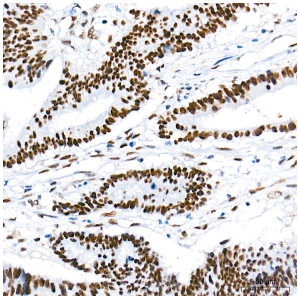
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

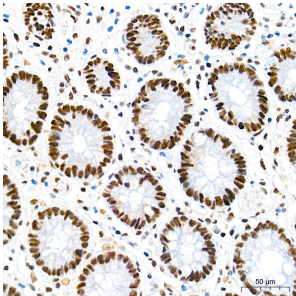
Exposure time: 90s.



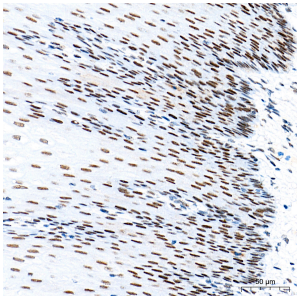
Immunoprecipitation of SMARCAD1 from 300 µg extracts of Jurkat cells was performed using 2 µg of SMARCAD1 Rabbit mAb (A26920). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using SMARCAD1 Rabbit mAb (A26920) at a dilution of 1:50000.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using SMARCAD1 Rabbit mAb (A26920) at a dilution of 1:500



Immunohistochemistry analysis of paraffin-embedded Human colon tissue using SMARCAD1 Rabbit mAb (A26920) at a dilution of 1:500 (40x lens).



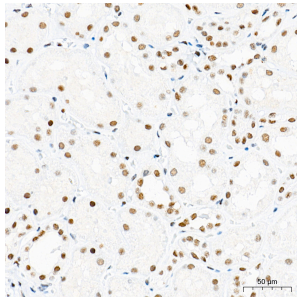
Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using SMARCAD1 Rabbit mAb (A26920) at a dilution of 1:500

(40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

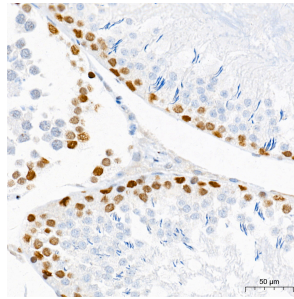
High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

(40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

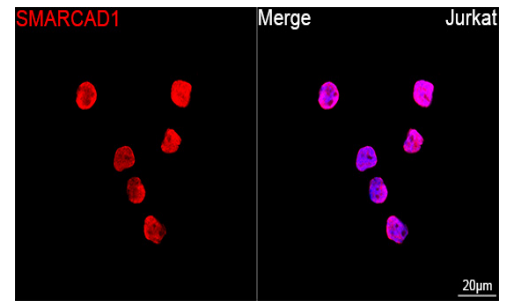
Validation Data



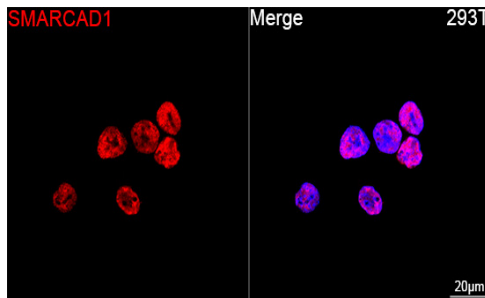
Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using SMARCAD1 Rabbit mAb (A26920) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat testis tissue using SMARCAD1 Rabbit mAb (A26920) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of Jurkat cells using SMARCAD1 Rabbit mAb (A26920, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of 293T cells using SMARCAD1 Rabbit mAb (A26920, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.

