

Datasheet for 100-401-V81**SAP30 Antibody****Overview**

Description:	Anti-SAP30 (RABBIT) Antibody - 100-401-V81
Item No.:	100-401-V81
Size:	100 µL
Applications:	WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	SAP30 is a component of the histone deacetylase complex, which also includes SIN3, SAP18, HDAC1, HDAC2, RbAp46, RbAp48. Histone acetylation and deacetylation play a key role in the regulation of eukaryotic gene expression. This complex only deacetylates core histone octamers, and is not able to deacetylate nucleosomal histones. Anti-SAP30 Antibody is ideal for research in Gene Expression and Epigenetics.
Synonyms:	Histone deacetylase complex subunit SAP30, 30 kDa Sin3-associated polypeptide, Sin3 corepressor complex subunit SAP30, Sin3-associated polypeptide p30
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	Antiserum

Target Details

Gene Name:	SAP30
Reactivity:	Human
Immunogen Type:	Native Protein
Immunogen:	Anti-SAP30 Antibody was produced in rabbits by repeated immunizations with a full length protein of human SAP30 containing a His tag.

Purity/Specificity: Anti-SAP30 Antibody is monospecific antiserum processed by delipidation and defibrination followed by sterile filtration. Cross reactivity with SAP30 from species other than human not tested.

Relevant Links:

- [UniProtKB - O75446](#)
- [GeneID - 8819](#)
- [NCBI - NP_003885.1](#)

Application Details

Tested Applications: WB

Application Note: Anti-SAP30 Antibody has been tested by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 23.3 kDa in the appropriate cell lysate or extract.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

WB: 1:1,000

Formulation

Physical State: Liquid (sterile filtered)

Concentration: neat

Buffer: None

Preservative: 0.05% (w/v) Sodium Azide

Stabilizer: None

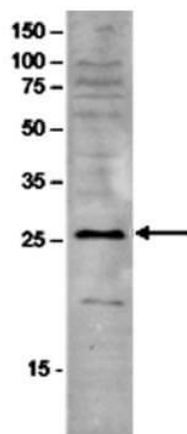
Shipping & Handling

Shipping Condition: Dry Ice

Storage Condition: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western Blot results of Rabbit anti-SAP30 antibody. Lane 1: HeLa nuclear extracts cells. Load: 20 µg. Primary antibody: SAP30 antibody at 1:1000 for overnight at 4°C. Secondary antibody: goat anti-rabbit HRP secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO/TBS-Tween overnight at 4°C.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.