abcam

Product datasheet

Anti-SAP30 antibody ab125187

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Overview

Product name	Anti-SAP30 antibody
Description	Rabbit polyclonal to SAP30
Host species	Rabbit
Tested applications	**Suitable for:** WB, IP
Species reactivity	**Reacts with:** Mouse, Human **Predicted to work with:** Rabbit, Horse, Dog, Pig, Chimpanzee, Gorilla, Chinese hamster, Orangutan, Elephant
Immunogen	Synthetic peptide, corresponding to a region within amino acids 170-220 of Human SAP30 (NP_003855.1).
Positive control	Hela, Jurkat, NIH 3T3 and 293T whole cell lysates
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7 Preservative: 0.09% Sodium azide Constituent: 99% Tris citrate/phosphate pH 7 to 8
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab125187 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★☆☆☆ (1)	1/1000 - 1/5000. Predicted molecular weight: 23 kDa.
IP		Use at 2-10 µg/mg of lysate.

Target

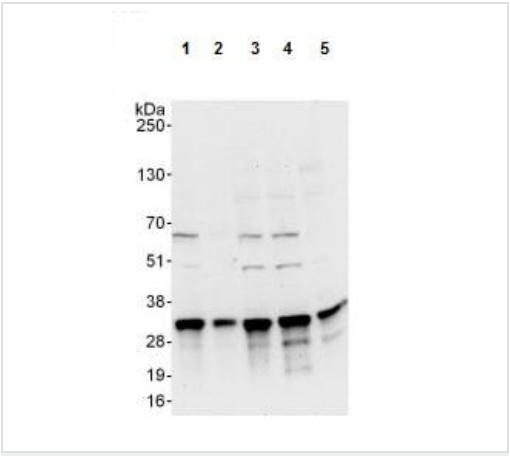
Function Involved in the functional recruitment of the Sin3-histone deacetylase complex (HDAC) to a specific subset of N-CoR corepressor complexes. Capable of transcription repression by N-CoR. Active in deacetylating core histone octamers (when in a complex) but inactive in deacetylating nucleosomal histones.

Tissue specificity Expressed in all tissues tested with highest levels in pancreas, ovary, PBL, spleen and thymus; lowest levels in brain, placenta, lung and kidney.

Sequence similarities Belongs to the SAP30 family.

Cellular localization Nucleus.

Images



Western blot - Anti-SAP30 antibody (ab125187)

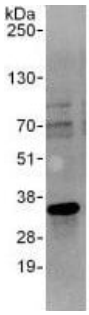
All lanes : Anti-SAP30 antibody (ab125187) at 0.4 µg/ml

Lane 1 : Hela whole cell lysate at 50 µg
Lane 2 : Hela whole cell lysate at 15 µg
Lane 3 : 293T whole cell lysate at 50 µg
Lane 4 : Jurkat whole cell lysate at 50 µg
Lane 5 : NIH3T3 whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 23 kDa

Exposure time: 30 seconds



Immunoprecipitation - Anti-SAP30 antibody (ab125187)

ab125187, at 6 µg/mg lysate, detecting SAP30 in HeLa cell lysate (1 mg of immunoprecipitate, 20% loaded in the lane) by Immunoprecipitation.
For the subsequent Western blot, ab125187 was used at 1 µg/ml. The blot was developed using the ECL technique, with an exposure time of 10 seconds.

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