

SAP30BP Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP20471c

Specification

SAP30BP Antibody (Center) - Product Information

Application IF, WB,E **Primary Accession 09UHR5** Other Accession 002614 Reactivity Human Predicted Mouse Host Rabbit Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 33870 Antigen Region 160-188

SAP30BP Antibody (Center) - Additional Information

Gene ID 29115

Other Names

SAP30-binding protein, Transcriptional regulator protein HCNGP, SAP30BP {ECO:0000312|EMBL:AAH075921}

Target/Specificity

This SAP30BP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 160-188 amino acids from the Central region of human SAP30BP.

Dilution

IF~~1:25 WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SAP30BP Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SAP30BP Antibody (Center) - Protein Information





Name SAP30BP {ECO:0000312|EMBL:AAH07592.1}

Function Plays a role in transcriptional repression by promoting histone deacetylase activity, leading to deacetylation of histone H3 (PubMed:21221920). May be involved in the regulation of beta-2- microglobulin genes (By similarity).

Cellular Location Nucleus.

SAP30BP Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

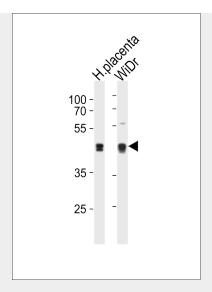
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

SAP30BP Antibody (Center) - Images



Fluorescent image of Hela cells stained with SAP30BP Antibody (Center)(Cat#AP20471C). AP20471C was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).





SAP30BP Antibody (Center) (Cat. #AP20471c) western blot analysis in WiDr cell line and human placenta tissue lysates (35ug/lane). This demonstrates the SAP30BP antibody detected the SAP30BP protein (arrow).

SAP30BP Antibody (Center) - Background

Induces cell death. May act as a transcriptional corepressor of a gene related to cell survival. May be involved in the regulation of beta-2-microglobulin genes.

SAP30BP Antibody (Center) - References

Li J.-F., et al. J. Biochem. 136:169-176(2004). Gou D., et al. Submitted (MAR-2002) to the EMBL/GenBank/DDBJ databases. Ding J.B., et al. Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases. Hu R.-M., et al. Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000). Ota T., et al. Nat. Genet. 36:40-45(2004).