10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SAP30BP Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20471c

Product Information

Application	WB, IF, E
Primary Accession	Q9UHR5
Other Accession	Q02614
Reactivity	Human, Mouse
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	33870
Antigen Region	160-188

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

Protein Information

Name	SAP30BP {ECO:0000303|PubMed:38059508, 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). Acts as a

regulator of pre-mRNA splicing by facilitating assembly of the cyclin-L-CDK11 cyclin-dependent protein kinase complex, thereby promoting phosphorylation of SF3B1 (PubMed:38059508). May be involved in the regulation of beta-2-microglobulin genes (By similarity).

Cellular Location Nucleus. Nucleus speckle

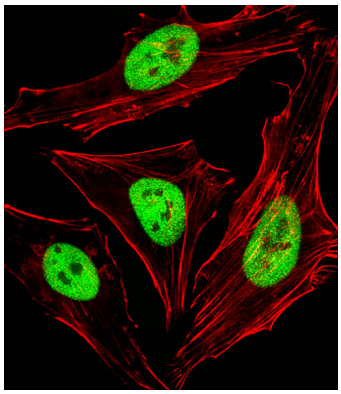
Background

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.

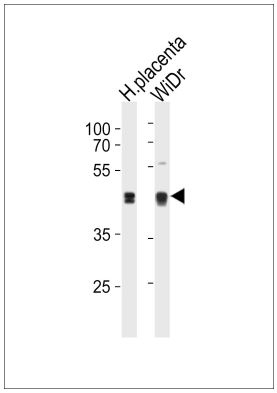
References

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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).

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 lgG 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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.