

SAP30L Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18649c**Specification**

SAP30L Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9HAJ7
Other Accession	O5SQF8 , NP_001124534.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	20877
Antigen Region	106-134

SAP30L Antibody (Center) - Additional Information**Gene ID** 79685**Other Names**

Histone deacetylase complex subunit SAP30L, HCV non-structural protein 4A-transactivated protein 2, Sin3 corepressor complex subunit SAP30L, Sin3-associated protein p30-like, SAP30L, NS4ATP2

Target/Specificity

This SAP30L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 106-134 amino acids from the Central region of human SAP30L.

Dilution

WB~~1:1000

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

SAP30L Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SAP30L Antibody (Center) - Protein Information**Name** SAP30L

Synonyms NS4ATP2

Function [Isoform 1]: Functions as a transcription repressor, probably via its interaction with histone deacetylase complexes (PubMed:[16820529](#), PubMed:[18070604](#)). Involved in the functional recruitment of the class 1 Sin3-histone deacetylase complex (HDAC) to the nucleolus (PubMed:[16820529](#)). Binds DNA, apparently without sequence-specificity, and bends bound double-stranded DNA (PubMed:[19015240](#)). Binds phosphoinositol phosphates (phosphoinositol 3-phosphate, phosphoinositol 4-phosphate and phosphoinositol 5-phosphate) via the same basic sequence motif that mediates DNA binding and nuclear import (PubMed:[19015240](#), PubMed:[26609676](#)).

Cellular Location

[Isoform 1]: Nucleus, nucleolus [Isoform 3]: Nucleus, nucleolus

Tissue Location

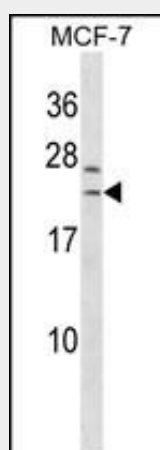
Detected in brain and ovary, and at lower levels in heart, small intestine, lung, kidney, skeletal muscle, stomach and spleen (at protein level) (PubMed:[18070604](#)). Ubiquitous; expressed in all tissues tested with highest levels in testis (PubMed:[14680513](#))

SAP30L Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SAP30L Antibody (Center) - Images



SAP30L Antibody (Center) (Cat. #AP18649c) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the SAP30L antibody detected the SAP30L protein (arrow).

SAP30L Antibody (Center) - Background

SAP30L is involved in the functional recruitment of the class 1 Sin3-histone deacetylase complex

(HDAC) to the nucleolus.

SAP30L Antibody (Center) - References

Silva, L.K., et al. Eur. J. Hum. Genet. (2010) In press :
Viiri, K.M., et al. Mol. Cell. Biol. 29(2):342-356(2009)
Korkeamaki, H., et al. FEBS Lett. 582(2):379-384(2008)
Assmann, E.M., et al. J. Biol. Chem. 281(15):9869-9881(2006)
Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)