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# SAP30L Antibody (Center) Blocking Peptide
**Synthetic peptide**
**Catalog # BP18649c**

## Specification

### SAP30L Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q9HAJ7

### SAP30L Antibody (Center) Blocking Peptide - 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

**Format**
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### SAP30L Antibody (Center) Blocking Peptide - Protein Information

**Name** SAP30L

**Synonyms** NS4ATP2

**Function**
[Isoform 1]: Functions as a transcription repressor, probably via its interaction with histone deacetylase complexes (PubMed:<a href="http://www.uniprot.org/citations/16820529" target="_blank">16820529</a>, PubMed:<a href="http://www.uniprot.org/citations/18070604" target="_blank">18070604</a>). Involved in the functional recruitment of the class 1 Sin3-histone deacetylase complex (HDAC) to the nucleolus (PubMed:<a href="http://www.uniprot.org/citations/16820529" target="_blank">16820529</a>). Binds DNA, apparently without sequence-specificity, and bends bound double-stranded DNA (PubMed:<a href="http://www.uniprot.org/citations/19015240" target="_blank">19015240</a>). 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:<a href="http://www.uniprot.org/citations/19015240" target="_blank">19015240</a>, PubMed:<a href="http://www.uniprot.org/citations/26609676" target="_blank">26609676</a>).

**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) Blocking Peptide - Protocols

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

- Blocking Peptides

## SAP30L Antibody (Center) Blocking Peptide - Images

## SAP30L Antibody (Center) Blocking Peptide - Background

SAP30L is involved in the functional recruitment of the class 1 Sin3-histone deacetylase complex (HDAC) to the nucleolus.

## SAP30L Antibody (Center) Blocking Peptide - 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)