

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

SAP30L Antibody (Center) Blocking Peptide - Product InformationPrimary 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: [16820529](http://www.uniprot.org/citations/16820529), PubMed: [18070604](http://www.uniprot.org/citations/18070604)). Involved in the functional recruitment of the class 1 Sin3-histone deacetylase complex (HDAC) to the nucleolus (PubMed: [16820529](http://www.uniprot.org/citations/16820529)). Binds DNA, apparently without sequence-specificity, and bends bound double-stranded DNA (PubMed: [19015240](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/19015240), PubMed: [26609676](http://www.uniprot.org/citations/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) 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)