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

SAP30 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP17053b

Specification

SAP30 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession O75446

SAP30 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 8819

Other Names
Histone deacetylase complex subunit SAP30, 30 kDa Sin3-associated polypeptide, Sin3 corepressor complex subunit SAP30, Sin3-associated polypeptide p30, SAP30 (HGNC:10532)

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.

SAP30 Antibody (C-term) Blocking Peptide - Protein Information

Name SAP30 (HGNC:10532)

Function
Involved in the functional recruitment of the Sin3-histone deacetylase complex (HDAC) to a specific subset of N-CoR corepressor complexes. Capable of transcription repression by N-CoR. Active in deacetylating core histone octamers (when in a complex) but inactive in deacetylating nucleosomal histones.

Cellular Location
Nucleus.

Tissue Location
Expressed in all tissues tested with highest levels in pancreas, ovary, PBL, spleen and thymus; lowest levels in brain, placenta, lung and kidney.

SAP30 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

SAP30 Antibody (C-term) Blocking Peptide - Images

SAP30 Antibody (C-term) Blocking Peptide - Background

Histone acetylation plays a key role in the regulation ofeukaryotic gene expression. Histone acetylation and deacetylationare catalyzed by multisubunit complexes. The protein encoded bythis gene is a component of the histone deacetylase complex, whichincludes SIN3, SAP18, HDAC1, HDAC2, RbAp46, RbAp48, and otherpolypeptides. This complex is active in deacetylating core histoneoctamers, but inactive in deacetylating nucleosomal histones. Apseudogene of this gene is located on chromosome 3. [provided byRefSeq].

SAP30 Antibody (C-term) Blocking Peptide - References

Brandt, S., et al. Int. J. Biochem. Cell Biol. 42(9):1472-1481(2010)Viiri, K.M., et al. Mol. Cell. Biol. 29(2):342-356(2009)Sichtig, N., et al. Arch. Biochem. Biophys. 467(1):67-75(2007)Szafranski, K., et al. Genome Biol. 8 (8), R154 (2007) :Olsen, J.V., et al. Cell 127(3):635-648(2006)