10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

HTATSF1 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP6654c

Specification

HTATSF1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession O43719

HTATSF1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 27336

Other Names
HIV Tat-specific factor 1, Tat-SF1, HTATSF1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6654c was selected from the Center region of human HTATSF1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

HTATSF1 Antibody (Center) Blocking Peptide - Protein Information

Name HTATSF1

Function
Functions as a general transcription factor

HTATSF1 Antibody (Center) Blocking Peptide - Background

HTATSF1 functions as a cofactor for the stimulation of transcriptional elongation by HIV-1 Tat, which binds to the HIV-1 promoter through Tat-TAR interaction. This protein may also serve as a dual-function factor to couple transcription and splicing and to facilitate their reciprocal activation.

HTATSF1 Antibody (Center) Blocking Peptide - References

Miller,H.B., PLoS ONE 4 (5), E5710 (2009)Remoli,A.L., Biochem. J. 396 (2), 371-380 (2006)

playing a role in the process of transcriptional elongation. May mediate the reciprocal stimulatory effect of splicing on transcriptional elongation. In case of infection by HIV-1, it is up-regulated by the HIV-1 proteins NEF and gp120, acts as a cofactor required for the Tat-enhanced transcription of the virus.

Cellular Location
Nucleus

Tissue Location
Widely expressed..

HTATSF1 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides