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

(Mouse) Trrap Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP21554b

Specification

(Mouse) Trrap Blocking Peptide (C-term) - Product Information

Primary Accession Q80YV3

(Mouse) Trrap Blocking Peptide (C-term) - Additional Information

Other Names
Transformation/transcription domain-associated protein, Tra1 homolog, Trrap

Target/Specificity
The synthetic peptide sequence is selected from aa 1703-1717 of HUMAN Trrap

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.

(Mouse) Trrap Blocking Peptide (C-term) - Protein Information

Name Trrap

Function
Adapter protein, which is found in various multiprotein chromatin complexes with histone acetyltransferase activity (HAT), which gives a specific tag for epigenetic transcription activation. Component of the NuA4 histone acetyltransferase complex which is responsible for acetylation of nucleosomal histones H4 and H2A. Plays a central role in MYC transcription activation, and also participates in cell transformation by MYC. Required for p53/TP53-, E2F1- and E2F4- mediated transcription activation. Probably acts by linking transcription factors such as E1A, MYC or E2F1 to HAT complexes such as STAGA thereby allowing transcription activation. Probably not required in the steps following histone acetylation in processes of transcription activation. May be required for the mitotic checkpoint and normal cell cycle progression. Component of a SWR1-like complex that specifically mediates the removal of histone H2A.Z/H2AZ1 from the nucleosome. May play a role in the formation and maintenance of the auditory system (By similarity).

Cellular Location
Nucleus.

Tissue Location
Expressed in the cochlea.

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

(Mouse) Trrap Blocking Peptide (C-term) - Protocols

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

- Blocking Peptides

(Mouse) Trrap Blocking Peptide (C-term) - Images

(Mouse) Trrap Blocking Peptide (C-term) - Background

Adapter protein, which is found in various multiprotein chromatin complexes with histone acetyltransferase activity (HAT), which gives a specific tag for epigenetic transcription activation. Component of the NuA4 histone acetyltransferase complex which is responsible for acetylation of nucleosomal histones H4 and H2A. Plays a central role in MYC transcription activation, and also participates in cell transformation by MYC. Required for p53/TP53-, E2F1- and E2F4-mediated transcription activation. Probably acts by linking transcription factors such as E1A, MYC or E2F1 to HAT complexes such as STAGA thereby allowing transcription activation. Probably not required in the steps following histone acetylation in processes of transcription activation. May be required for the mitotic checkpoint and normal cell cycle progression. Component of a SWR1-like complex that specifically mediates the removal of histone H2A.Z/H2AFZ from the nucleosome.

(Mouse) Trrap Blocking Peptide (C-term) - References

Carninci P.,et al.Science 309:1559-1563(2005).
Herceg Z.,et al.Nat. Genet. 29:206-211(2001).