

THOC7 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9905b**Specification**

THOC7 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q6I9Y2](#)**THOC7 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 80145**Other Names**

THO complex subunit 7 homolog, Functional spliceosome-associated protein 24, fSAP24, Ngg1-interacting factor 3-like protein 1-binding protein 1, NIF3L1-binding protein 1, hTREX30, THOC7, NIF3L1BP1

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.

THOC7 Antibody (C-term) Blocking Peptide - Protein Information**Name** THOC7**Synonyms** NIF3L1BP1**Function**

Required for efficient export of polyadenylated RNA. Acts as component of the THO subcomplex of the TREX complex which is thought to couple mRNA transcription, processing and nuclear export, and which specifically associates with spliced mRNA and not with unspliced pre-mRNA. TREX is recruited to spliced mRNAs by a transcription-independent mechanism, binds to mRNA upstream of the exon-junction complex (EJC) and is recruited in a splicing- and cap-dependent manner to a region near the 5' end of the mRNA where it functions in mRNA export to the cytoplasm via the TAP/NFX1 pathway.

Cellular Location

Cytoplasm. Nucleus. Nucleus speckle. Note=Interaction with THOC5 is required for nuclear localization.

THOC7 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

THOC7 Antibody (C-term) Blocking Peptide - Images

THOC7 Antibody (C-term) Blocking Peptide - References

El Bounkari, O., et al. FEBS Lett. 583(1):13-18(2009) Boyne, J.R., et al. PLoS Pathog. 4 (10), E1000194 (2008) Cheng, H., et al. Cell 127(7):1389-1400(2006) Masuda, S., et al. Genes Dev. 19(13):1512-1517(2005)