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TMPO Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP19087c

Specification

TMPO Antibody (Center) Blocking Peptide - Product Information

Primary Accession P42167

TMPO Antibody (Center) Blocking Peptide - Additional Information

Gene ID 7112

Other Names
Lamina-associated polypeptide 2, isoforms beta/gamma, Thymopoietin, isoforms beta/gamma, TP beta/gamma, Thymopoietin-related peptide isoforms beta/gamma, TPRP isoforms beta/gamma, Thymopoietin, TP, Splenin, Thymopentin, TP5, TMPO, LAP2

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.

TMPO Antibody (Center) Blocking Peptide - Protein Information

Name TMPO

Synonyms LAP2

Function
May help direct the assembly of the nuclear lamina and thereby help maintain the structural organization of the nuclear envelope. Possible receptor for attachment of lamin filaments to the inner nuclear membrane. May be involved in the control of initiation of DNA replication through its interaction with NAKAP95.

Cellular Location
Nucleus inner membrane; Single-pass type II membrane protein. Note=Tightly associated with the nuclear lamina

Tissue Location
Expressed in many tissues. Most abundant in adult thymus and fetal liver

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TMPO Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

TMPO Antibody (Center) Blocking Peptide - Images

TMPO Antibody (Center) Blocking Peptide - Background

The protein encoded by this gene resides in the nucleusand may play a role in the assembly of the nuclear lamina, and thushelp maintain the structural organization of the nuclear envelope.It may function as a receptor for the attachment of lamin filamentsto the inner nuclear membrane. Mutations in this gene areassociated with dilated cardiomyopathy. Alternatively splicedtranscript variants encoding different isoforms have been noted forthis gene.

TMPO Antibody (Center) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Davila, S., et al. Genes Immun. 11(3):232-238(2010)Craig, D.W., et al. Diabet. Med. 26(11):1090-1098(2009)Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Shaklai, S., et al. Eur. J. Cell Biol. 87(5):267-278(2008)