

**TOIP1 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP4768a****Specification**

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**TOIP1 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q5JTV8](#)**TOIP1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 26092**Other Names**

Torsin-1A-interacting protein 1, Lamin-associated protein 1B, LAP1B, TOR1AIP1, LAP1

**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.

**TOIP1 Antibody (N-term) Blocking Peptide - Protein Information****Name** TOR1AIP1**Synonyms** LAP1**Function**

Required for nuclear membrane integrity. Induces TOR1A and TOR1B ATPase activity and is required for their location on the nuclear membrane. Binds to A- and B-type lamins. Possible role in membrane attachment and assembly of the nuclear lamina.

**Cellular Location**

Nucleus inner membrane; Single-pass membrane protein

**Tissue Location**

Expressed in muscle, liver and kidney. [Isoform 4]: Expressed at higher levels than isoform 1 in lung, kidney and spleen (at protein level). Expressed at lower levels than isoform 1 in liver, brain and heart (at protein level). Similar levels of isoforms 1 and 4 are observed in ovary, testis and pancreas (at protein level).

**TOIP1 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **TOIP1 Antibody (N-term) Blocking Peptide - Images**

#### **TOIP1 Antibody (N-term) Blocking Peptide - Background**

TOIP1 binds to A-and B-type lamins. TOIP1 possible role in membrane attachment and assembly of the nuclear lamina.

#### **TOIP1 Antibody (N-term) Blocking Peptide - References**

Matsuoka, S., et al. Science 316(5828):1160-1166(2007)Olsen, J.V., et al. Cell 127(3):635-648(2006)Goodchild, R.E., et al. J. Cell Biol. 168(6):855-862(2005)