

TOX4 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17670a**Specification**

TOX4 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [O94842](#)**TOX4 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 9878**Other Names**

TOX high mobility group box family member 4, Epidermal Langerhans cell protein LCP1, TOX4, C14orf92, KIAA0737

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.

TOX4 Antibody (N-term) Blocking Peptide - Protein Information**Name** TOX4 ([HGNC:20161](#))**Synonyms** C14orf92, KIAA0737**Function**

Transcription factor that modulates cell fate reprogramming from the somatic state to the pluripotent and neuronal fate (By similarity). Component of the PTW/PP1 phosphatase complex, which plays a role in the control of chromatin structure and cell cycle progression during the transition from mitosis into interphase (PubMed: [20516061](http://www.uniprot.org/citations/20516061)). In liver, controls the expression of hormone-regulated gluconeogenic genes such as G6PC1 and PCK1. This regulation is independent of the insulin receptor activation (By similarity).

Cellular Location

Nucleus. Note=Associated with chromatin

Tissue Location

Expressed in liver (at protein level).

TOX4 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TOX4 Antibody (N-term) Blocking Peptide - Images

TOX4 Antibody (N-term) Blocking Peptide - Background

TOX4 (TOX high mobility group box family member 4) contains 1 HMG box DNA-binding domain and the function remains unknown.

TOX4 Antibody (N-term) Blocking Peptide - References

Lee, J.H., et al. J. Biol. Chem. 285(32):24466-24476(2010) Lee, S.J., et al. Exp. Mol. Med. 41(3):189-200(2009) Olsen, J.V., et al. Cell 127(3):635-648(2006) Lim, J., et al. Cell 125(4):801-814(2006) Colland, F., et al. Genome Res. 14(7):1324-1332(2004)