

RFXAP Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14506b

Specification

RFXAP Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [O00287](#)

RFXAP Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 5994

Other Names

Regulatory factor X-associated protein, RFX-associated protein, RFX DNA-binding complex 36 kDa subunit, RFXAP

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.

RFXAP Antibody (C-term) Blocking Peptide - Protein Information

Name RFXAP

Function

Part of the RFX complex that binds to the X-box of MHC II promoters.

Cellular Location

Nucleus.

Tissue Location

Ubiquitous.

RFXAP Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RFXAP Antibody (C-term) Blocking Peptide - Images

RFXAP Antibody (C-term) Blocking Peptide - Background

Major histocompatibility (MHC) class II molecules are transmembrane proteins that have a central role in development and control of the immune system. The protein encoded by this gene, along with regulatory factor X-associated ankyrin-containing protein and regulatory factor-5, forms a complex that binds to the X box motif of certain MHC class II gene promoters and activates their transcription. Once bound to the promoter, this complex associates with the non-DNA-binding factor MHC class II transactivator, which controls the cell type specificity and inducibility of MHC class II gene expression. Mutations in this gene have been linked to bare lymphocyte syndrome type II, complementation group D. Transcript variants utilizing different polyA signals have been found for this gene.

RFXAP Antibody (C-term) Blocking Peptide - References

Laird, K.M., et al. J. Mol. Biol. 403(1):40-51(2010) Bushway, M., et al. Immunogenetics 62(2):109-116(2010) Briggs, L., et al. Proteins 76(3):655-664(2009) Garvie, C.W., et al. Biochim. Biophys. Acta 1779(12):797-804(2008) van Eggermond, M.C., et al. Mol. Immunol. 45(10):2920-2928(2008)