

XPO6 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP6688b**Specification**

XPO6 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q96QU8](#)

XPO6 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 23214

Other Names

Exportin-6, Exp6, Ran-binding protein 20, XPO6, KIAA0370, RANBP20

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6688b](/products/AP6688b) was selected from the C-term region of human XPO6. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

XPO6 Antibody (C-term) Blocking Peptide - Protein Information

Name XPO6

Synonyms KIAA0370, RANBP20

Function

Mediates the nuclear export of actin and profilin-actin complexes in somatic cells.

Cellular Location

Nucleus. Cytoplasm. Note=Shuttles between the nucleus and the cytoplasm.

XPO6 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

XPO6 Antibody (C-term) Blocking Peptide - Images

XPO6 Antibody (C-term) Blocking Peptide - Background

Exportins, such as XPO6, recruit cargo in the nucleoplasm in the presence of RAN (MIM 601179)-GTP and form ternary export complexes. These complexes are transported through nuclear pore complexes to the cytoplasm, where GTP is hydrolyzed and the export complex is disassembled.

XPO6 Antibody (C-term) Blocking Peptide - References

Beausoleil, S.A., Proc. Natl. Acad. Sci. U.S.A. 101 (33), 12130-12135 (2004) Stuken, T., EMBO J. 22 (21), 5928-5940 (2003)