

**KIF11 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9097a****Specification**

---

**KIF11 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [P52732](#)**KIF11 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 3832**Other Names**

Kinesin-like protein KIF11, Kinesin-like protein 1, Kinesin-like spindle protein HKSP, Kinesin-related motor protein Eg5, Thyroid receptor-interacting protein 5, TR-interacting protein 5, TRIP-5, KIF11, EG5, KNSL1, TRIP5

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP9097a](/products/AP9097a) was selected from the N-term region of human KIF11. 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.

**KIF11 Antibody (N-term) Blocking Peptide - Protein Information****Name** KIF11**Synonyms** EG5, KNSL1, TRIP5**Function**

Motor protein required for establishing a bipolar spindle and thus contributing to chromosome congression during mitosis (PubMed: [19001501](http://www.uniprot.org/citations/19001501), PubMed: [37728657](http://www.uniprot.org/citations/37728657)). Required in non-mitotic cells for transport of secretory proteins from the Golgi complex to the cell surface (PubMed: [23857769](http://www.uniprot.org/citations/23857769)).

**Cellular Location**

Cytoplasm. Cytoplasm, cytoskeleton, spindle pole

### **KIF11 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **KIF11 Antibody (N-term) Blocking Peptide - Images**

### **KIF11 Antibody (N-term) Blocking Peptide - Background**

KIF11 belongs to the kinesin-like protein family. Members of this protein family are known to be involved in various kinds of spindle dynamics. The function of this gene product includes chromosome positioning, centrosome separation and establishing a bipolar spindle during cell mitosis.

### **KIF11 Antibody (N-term) Blocking Peptide - References**

Tcherniuk,S., et.al., Biochem. Pharmacol. 79 (6), 864-872 (2010)Parke,C.L., et.al., J. Biol. Chem. 285 (8), 5859-5867 (2010)