

**KIF15 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18273c****Specification**

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**KIF15 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q9NS87](#)**KIF15 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 56992**Other Names**

Kinesin-like protein KIF15, Kinesin-like protein 2, hKLP2, Kinesin-like protein 7, Serologically defined breast cancer antigen NY-BR-62, KIF15, KLP2, KNSL7

**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.

**KIF15 Antibody (Center) Blocking Peptide - Protein Information****Name** KIF15**Synonyms** KLP2, KNSL7**Function**

Plus-end directed kinesin-like motor enzyme involved in mitotic spindle assembly.

**Cellular Location**

Cytoplasm. Cytoplasm, cytoskeleton, spindle. Note=Detected during the interphase in the cytoplasm as finely punctuate pattern and irregularly shaped dots. Detected during mitosis on the mitotic spindle. Colocalizes with TPX2 in mitosis. Localizes at the central spindle at anaphase (By similarity). Localizes at the sites of invaginating cell membranes, a position that corresponds to the location of the contractile actomyosin ring of dividing cells (By similarity). Colocalizes with actin in interphase (By similarity) Colocalizes in dendrites and in growth cone of axons with microtubules (By similarity).

**Tissue Location**

Expressed in testis, colon, thymus and in breast cancer.

**KIF15 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**KIF15 Antibody (Center) Blocking Peptide - Images****KIF15 Antibody (Center) Blocking Peptide - Background**

Plus-end directed kinesin-like motor enzyme involved in mitotic spindle assembly (By similarity).

**KIF15 Antibody (Center) Blocking Peptide - References**

Vanneste, D., et al. Curr. Biol. 19(20):1712-1717(2009) Tanenbaum, M.E., et al. Curr. Biol. 19(20):1703-1711(2009) Stelzl, U., et al. Cell 122(6):957-968(2005) Scanlan, M.J., et al. Cancer Immun. 1, 4 (2001) : Sueishi, M., et al. J. Biol. Chem. 275(37):28888-28892(2000)