

PLK1S1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP18569a

Specification

PLK1S1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q2M2Z5](#)

PLK1S1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 55857

Other Names

Centrosomal protein kizuna, Polo-like kinase 1 substrate 1, KIZ, C20orf19, NCRNA00153, PLK1S1

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.

PLK1S1 Antibody (N-term) Blocking Peptide - Protein Information

Name KIZ

Synonyms C20orf19, NCRNA00153, PLK1S1

Function

Centrosomal protein required for establishing a robust mitotic centrosome architecture that can endure the forces that converge on the centrosomes during spindle formation. Required for stabilizing the expanded pericentriolar material around the centriole.

Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, cilium basal body Note=Localizes to centrosomes throughout the cell cycle. After centrosome duplication, it usually remains associated only with the mother centrosome, containing the older mature centriole and particles surrounding it. During prophase, additional particles accumulate around both separating centrosomes. Does not accumulate at the microtubule minus ends, but instead localizes to the centrosomes and centrosome- surrounding area in a microtubule-independent and dependent manner, respectively.

PLK1S1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PLK1S1 Antibody (N-term) Blocking Peptide - Images

PLK1S1 Antibody (N-term) Blocking Peptide - Background

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PLK1S1 Antibody (N-term) Blocking Peptide - References

Oshimori, N., et al. EMBO J. 28(14):2066-2076(2009)Oshimori, N., et al. Nat. Cell Biol. 8(10):1095-1101(2006)