

**LZTS2 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13002b****Specification**

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**LZTS2 Antibody (C-term) Blocking peptide - Product Information**Primary Accession [Q9BRK4](#)**LZTS2 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 84445**Other Names**

Leucine zipper putative tumor suppressor 2 {ECO:0000255|HAMAP-Rule:MF\_03026}, hLZTS2, Protein LAPSER1 {ECO:0000255|HAMAP-Rule:MF\_03026}, LZTS2 {ECO:0000255|HAMAP-Rule:MF\_03026}

**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.

**LZTS2 Antibody (C-term) Blocking peptide - Protein Information****Name** LZTS2 {ECO:0000255|HAMAP-Rule:MF\_03026}**Function**

Negative regulator of katanin-mediated microtubule severing and release from the centrosome. Required for central spindle formation and the completion of cytokinesis. May negatively regulate axonal outgrowth by preventing the formation of microtubule bundles that are necessary for transport within the elongating axon. Negative regulator of the Wnt signaling pathway. Represses beta-catenin-mediated transcriptional activation by promoting the nuclear exclusion of beta-catenin.

**Cellular Location**

Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=Localized to the centrosome throughout the cell cycle. Localized to the midbody in cells undergoing cytokinesis

**Tissue Location**

Highly expressed in prostate and testis, and at slightly lower levels in spleen, thymus, uterus, small intestine and colon.

## **LZTS2 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

## **LZTS2 Antibody (C-term) Blocking peptide - Images**

## **LZTS2 Antibody (C-term) Blocking peptide - Background**

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## **LZTS2 Antibody (C-term) Blocking peptide - References**

Olson, J.E., et al. Breast Cancer Res. Treat. (2010) In press :Sudo, H., et al. Hum. Mol. Genet. 17(16):2524-2540(2008)Hyun Hwa, Cho., et al. Biochim. Biophys. Acta 1783(3):419-428(2008)Lim, J., et al. Cell 125(4):801-814(2006)Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006)