

LZTS2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13002b**Specification**

LZTS2 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9BRK4
Other Accession	NP_115805.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	72759
Antigen Region	572-601

LZTS2 Antibody (C-term) - 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}

Target/Specificity

This LZTS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 572-601 amino acids from the C-terminal region of human LZTS2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

LZTS2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

LZTS2 Antibody (C-term) - 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

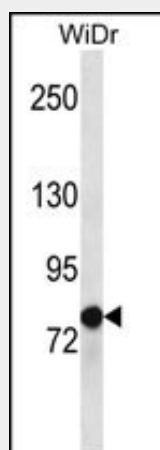
Highly expressed in prostate and testis, and at slightly lower levels in spleen, thymus, uterus, small intestine and colon.

LZTS2 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LZTS2 Antibody (C-term) - Images



LZTS2 Antibody (C-term) (Cat. #AP13002b) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the LZTS2 antibody detected the LZTS2 protein (arrow).

LZTS2 Antibody (C-term) - Background

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.

LZTS2 Antibody (C-term) - References

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Lim, J., et al. Cell 125(4):801-814(2006)
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