

LZTS2 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS16613**Specification**

LZTS2 Antibody (N-Terminus) - Product Information

Application	IHC, IF, WB
Primary Accession	O9BRK4
Other Accession	84445
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	72759

LZTS2 Antibody (N-Terminus) - Additional Information**Gene ID** 84445**Other Names**

LZTS2, HLZTS2, KIAA1813, LAPSER1, RP11-108L7.8, Protein LAPSER1

Target/Specificity

Human LZTS2. LZTS2 antibody is predicted to not cross-react with other LZTS family members

Reconstitution & Storage

PBS, 0.02% sodium azide. Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

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

LZTS2 Antibody (N-Terminus) - 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

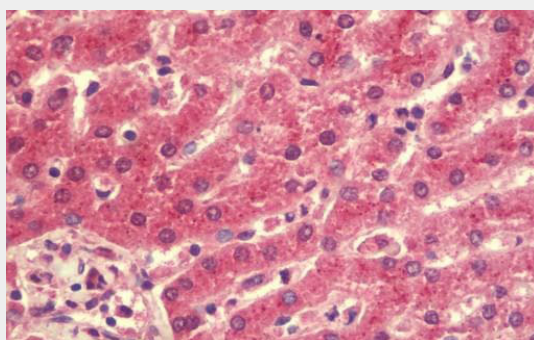
Tissue Location

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

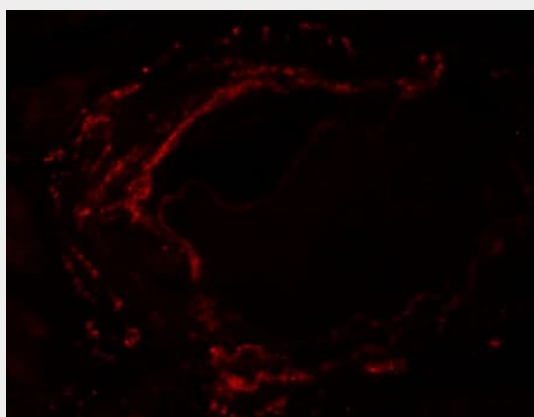
LZTS2 Antibody (N-Terminus) - Protocols

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

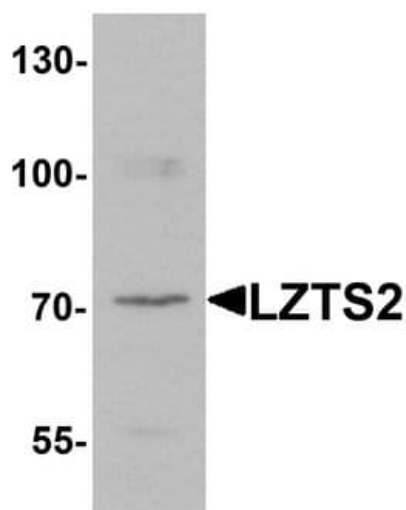
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LZTS2 Antibody (N-Terminus) - Images

Anti-LZTS2 antibody IHC staining of human liver.



Immunofluorescence of LZTS2 in human kidney tissue with LZTS2 antibody at 20 µg/mL.



Western blot analysis of LZTS2 in human kidney tissue lysate with LZTS2 antibody at 1 ug/ml.

LZTS2 Antibody (N-Terminus) - 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 (N-Terminus) - References

Nagase T., et al. DNA Res. 8:85-95(2001).
Deloukas P., et al. Nature 429:375-381(2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Cabeza-Arvelaiz Y., et al. Oncogene 20:6707-6717(2001).
Bechtel S., et al. BMC Genomics 8:399-399(2007).