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LZTS2 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13585

Specification

LZTS2 Antibody (C-Terminus) - Product Information

Application	**IHC**
Primary Accession	Q9BRK4
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**73kDa KDa**

LZTS2 Antibody (C-Terminus) - 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}

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

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

LZTS2 Antibody (C-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,

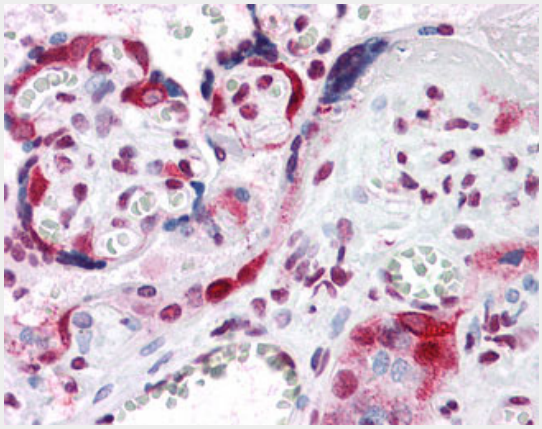
small intestine and colon.

LZTS2 Antibody (C-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 Cytomety
- Cell Culture

LZTS2 Antibody (C-Terminus) - Images



Anti-LZTS2 antibody IHC of human placenta.

LZTS2 Antibody (C-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 (C-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).