

Anti-LZTS2 Antibody

Catalog Number: A07806-1

About LZTS2

The leucine zipper putative tumor suppressor 2 (LZTS2, also known as LAPSER1), a member of the LZTS family, is a negative regulator of the Wnt signaling pathway. It represses beta-catenin-mediated transcriptional activation by promoting the nuclear exclusion of beta-catenin. LZTS2 is involved in cytokinesis and regulates katanin-mediated microtubule severing and release from the centrosome. LZTS2 may negatively regulate axonal outgrowth by preventing the formation of microtubule bundles that are necessary for transport within the elongating axon. LZTS2 is highly expressed in testis and prostate, but it is deleted in multiple cancers, including prostate tumors, suggesting that LZTS2 acts as a potential tumor suppressor.

Overview

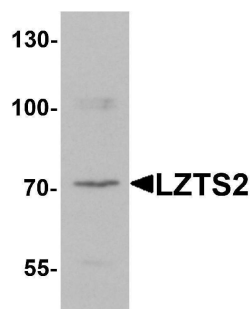
Product Name	Anti-LZTS2 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-LZTS2 Antibody (Catalog # A07806-1). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	LZTS2 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	LZTS2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9BRK4

Technical Details

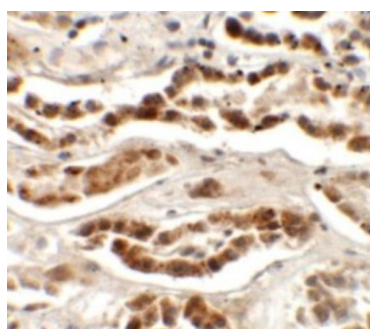
Immunogen	LZTS2 antibody was raised against a 19 amino acid synthetic peptide near the amino terminus of human LZTS2. The immunogen is located within amino acids 80 - 130 of LZTS2.
Predicted Reactive Species	Bovine, Rat
Cross Reactivity	LZTS2 antibody is predicted to not cross-react with other LZTS family members
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL

Purification	LZTS2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	LZTS2 antibody can be used for detection of EPAC1 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

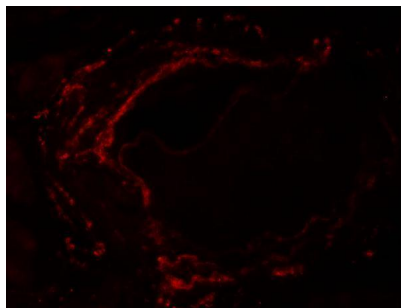
Anti-LZTS2 Antibody (A07806-1) Images



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



Immunohistochemistry of LZTS2 in human kidney tissue with LZTS2 antibody at 2.5 ug/mL.



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

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Anti-LZTS2 Antibody

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