

Anti-LIAR ANKRD54 Antibody

Catalog Number: A13999

About ANKRD54

Ankyrin (ANK) repeats mediate protein-protein interactions in diverse families of proteins. The number of ANK repeats in a protein can range from 2 to over 20. ANK repeats may occur in combinations with other types of domains. The structural repeat unit contains two anti-parallel helices and a beta-hairpin, with repeats stacked in a superhelical arrangement. LIAR, also known as ANKRD54, is a recently identified ANK repeat-containing protein that is predominantly expressed in tissues rich in ciliated cells, such as olfactory sensory neurons and is predicted to be important to cilia. At least three isoforms of LIAR are known to exist.

Overview

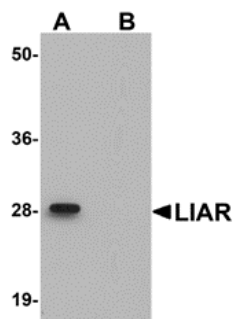
Product Name	Anti-LIAR ANKRD54 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-LIAR ANKRD54 Antibody (Catalog # A13999). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	LIAR Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	LIAR 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	Q6NXT1

Technical Details

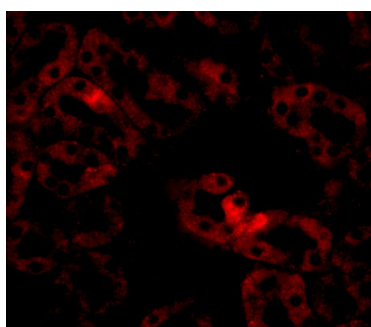
Immunogen	LIAR antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human LIAR. The immunogen is located within amino acids 230 - 280 of LIAR.
Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	LIAR Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	LIAR antibody can be used for detection of LIAR 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 mouse samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

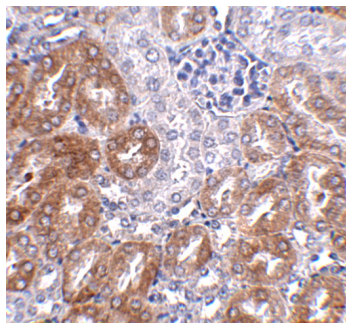
Anti-LIAR ANKRD54 Antibody (A13999) Images



Western blot analysis of LIAR in mouse kidney tissue lysate with LIAR antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunofluorescence of LIAR in Mouse Kidney cells with LIAR antibody at 20 ug/mL.



Immunohistochemistry of LIAR in mouse kidney tissue with LIAR antibody at 2.5 ug/mL.

Submit a product review to [Biocompare.com](https://www.biocompare.com)

Submit a review of this product to [Biocompare.com](https://www.biocompare.com) to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-LIAR ANKRD54 Antibody

For Research Use Only. Not for use in diagnostic procedures.