

Datasheet for ABIN500170
anti-ANKRD54 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	ANKRD54
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANKRD54 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	LIAR antibody was raised against a 16 amino acid peptide near the carboxy terminus of human LIAR.
Isotype:	IgG
Specificity:	This antibody detects LIAR.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Peptide affinity chromatography

Target Details

Target:	ANKRD54
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Target Details

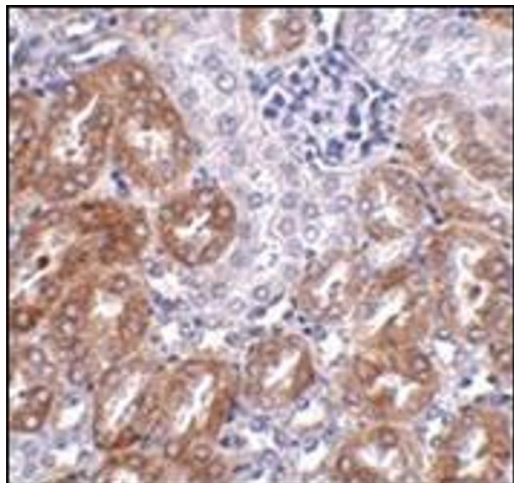
Alternative Name:	ANKRD54 / LIAR (ANKRD54 Products)
Background:	Ankyrin (ANK) repeats mediate protein-protein interactions in diverse families of proteins. The number of ANK repeats in a protein can range from 2 to over 20. ANK repeats may occur in combinations with other types of domains. The structural 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. Synonyms: Ankyrin repeat domain-containing protein 54
Gene ID:	129138
NCBI Accession:	NP_620152
UniProt:	Q6NXT1

Application Details

Application Notes:	ELISA. Western blot: 1 - 2 µg/mL. Immunohistochemistry on paraffin sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

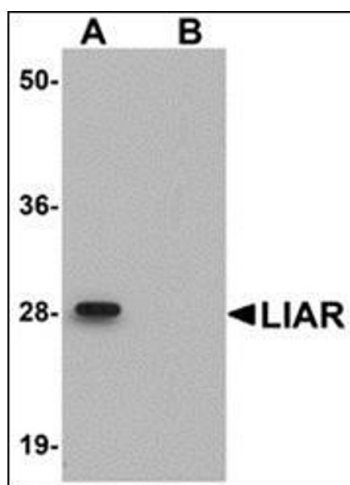
Handling

Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of LIAR in mouse kidney tissue AP30506PU-N antibody at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of LIAR in mouse kidney tissue lysate with this product at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.