

Datasheet for ABIN185396
anti-RNLS antibody (Internal Region)

2 Images

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Overview

Quantity:	100 µg
Target:	RNLS
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RNLS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Renalase (aa 224 to 233)
Immunogen:	Peptide with sequence C-VSIDNKKRNI, from the internal region of the protein sequence according to NP_001026879.2, NP_060833.1.
Sequence:	VSIDNKKRNI
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms (NP_001026879.2 and NP_060833.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: RNLS

Alternative Name: RNLS ([RNLS Products](#))

Background: RNLS, renalase, C10orf59, chromosome 10 open reading frame 59 , HGNC:25641, FLJ11218 , hypothetical protein LOC55328, renalase, FAD-dependent amine oxidase, RENALASE

Gene ID: 55328

NCBI Accession: [NP_001026879](#), [NP_060833](#)

Application Details

Application Notes: Western Blot: Approx 38+35 kDa bands observed in Human Heart lysates, 37 kDa band observed in Mouse Heart lysates and approx 35 kDa in Rat Heart lysates (calculated MW of 37.8 and 34.9 according to Human NP_001026879.2 and NP_060833.1 resp, of 33.3 kDa according to Peptide ELISA: antibody detection limit dilution 1:128000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

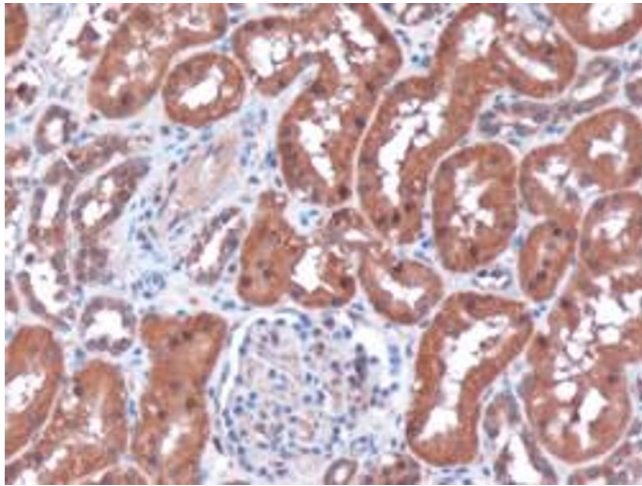
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN185396 (3µg/ml) staining of paraffin embedded Human Kidney. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.

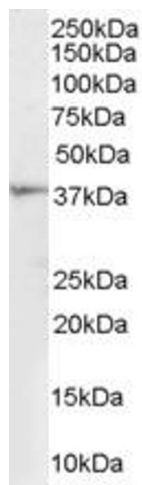


Image 2. ABIN185396 (1µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.