

Datasheet for ABIN184952
anti-ALMS1 antibody (C-Term)



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3 Images

Overview

Quantity:	100 µg
Target:	ALMS1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ALMS1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Purpose:	ALMS1
Immunogen:	Peptide with sequence C-RVTNQLLGRKVPWD, from the C Terminus of the protein sequence according to NP_055935.4.
Sequence:	RVTNQLLGRK VPWD
Isotype:	IgG
Specificity:	The C terminus of ALMS1 shares an 8 amino acid stretch with two other human proteins: hypothetical protein (XP_169104) and ERAL1 (NP_005693). However, this stretch is located internally in these two proteins and so will most likely not cross-react with t
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

Product Details

chromatography using the immunizing peptide.

Grade: Verified

Target Details

Target: ALMS1

Alternative Name: ALMS1 ([ALMS1 Products](#))

Background: ALMS1, Alstrom syndrome 1, ALSS, KIAA0328, DKFZp686A118, DKFZp686D1828

Gene ID: 7840, 236266, 297408

NCBI Accession: [NP_055935](#)

Pathways: [Sensory Perception of Sound](#), [Carbohydrate Homeostasis](#), [M Phase](#)

Application Details

Application Notes: Peptide ELISA: antibody detection limit dilution 1:4000.

Comment: **Immunofluorescence:** Strong expression of the protein seen in the cytoplasm of HepG2 and HeLa cells. Recommended concentration: 10µg/ml.

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.

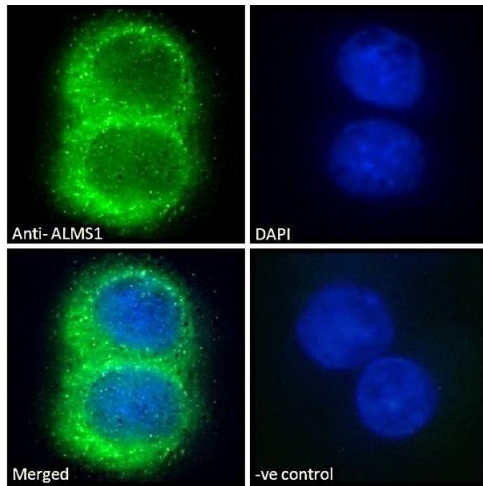
Preservative: Sodium azide

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.

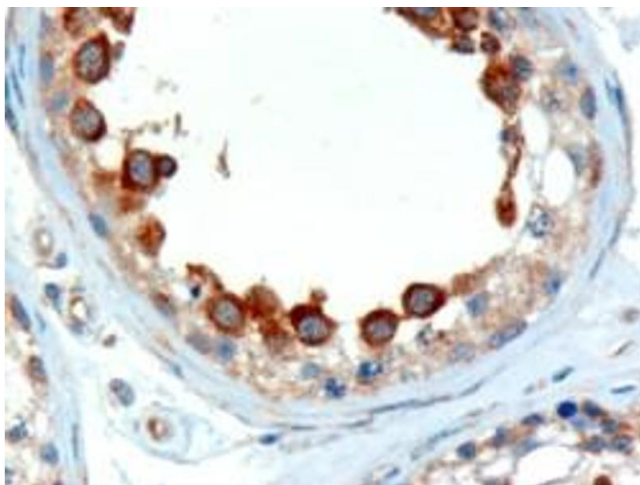
Storage: -20 °C

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.



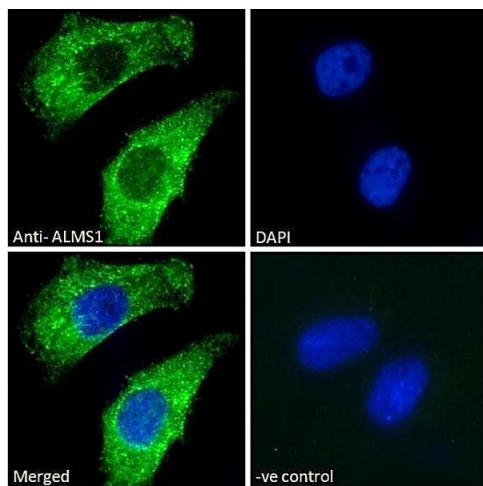
Immunofluorescence

Image 1. (ABIN184952) Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing cytoplasmic staining. The nuclear stain is DAPI (



Immunohistochemistry

Image 2. ABIN184952 (2µg/ml) staining of paraffin embedded Human Testis. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.



Immunofluorescence

Image 3. (ABIN184952) Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing cytoplasmic staining. The nuclear stain is DAPI (b