

Datasheet for ABIN653748

anti-HAPLN1 antibody (N-Term)

3 Images

1 Publication

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Overview

Quantity:	400 µL
Target:	HAPLN1
Binding Specificity:	AA 10-38, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HAPLN1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This HAPLN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 10-38 amino acids from the N-terminal region of human HAPLN1.
Clone:	RB24639
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HAPLN1
Alternative Name:	HAPLN1 (HAPLN1 Products)

Target Details

Background:	HAPLN1 belongs to the HAPLN family. It contains 1 Ig like V type (immunoglobulin like) domain and 2 Link domains. This protein stabilizes the aggregates of proteoglycan monomers with hyaluronic acid in the extracellular cartilage matrix.
Molecular Weight:	40166
Gene ID:	1404
NCBI Accession:	NP_001875
UniProt:	P10915

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

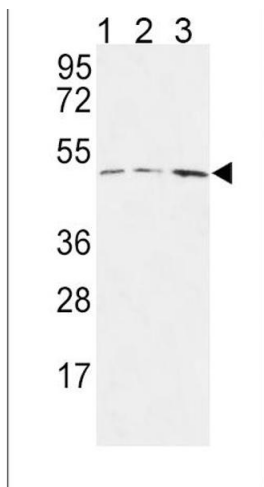
Publications

Product cited in:	Tian, Ding, You, Li, Liu, Wu, Sun, Xu: "Leiomodin-3-deficient mice display nemaline myopathy with fast-myofiber atrophy." in: Disease models & mechanisms , Vol. 8, Issue 6, pp. 635-41, (2015) (PubMed).
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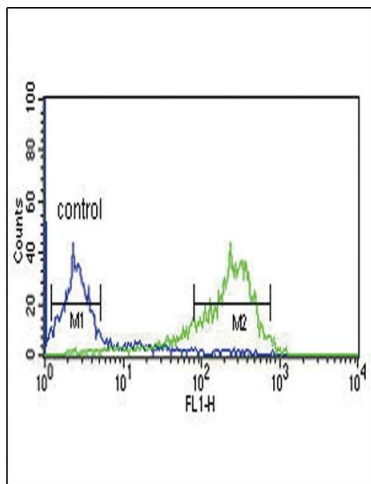
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. HLN1 Antibody (N-term) 9791a IHC analysis in formalin fixed and paraffin embedded prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the HLN1 Antibody (N-term)for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. HLN1 Antibody (N-term) 9791a western blot analysis in MCF-7(lane 1),Jurkat(lane 2),HepG2(lane 3) cell line lysates (35 µg/lane).This demonstrates the HLN1 antibody detected the HLN1 protein (arrow).



Flow Cytometry

Image 3. HLN1 Antibody (N-term) 9791a flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.