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Datasheet for ABIN1705795  
**anti-MKLN1 antibody (AA 301-400) (Cy5.5)**

### Overview

Quantity:	100 µL
Target:	MKLN1
Binding Specificity:	AA 301-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MKLN1 antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MKLN1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Sheep
Purification:	Purified by Protein A.

### Target Details

Target:	MKLN1
Alternative Name:	MKLN1 ( <a href="#">MKLN1 Products</a> )
Background:	Synonyms: MKLN 1, Mkn1, MKLN1_HUMAN, muskelin 1, intracellular mediator containing

## Target Details

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kelch mots, Muskelin.

Background: Muskelin is a 735 amino acid nuclear and cytoplasmic protein that mediates cytoskeletal responses and cell spreading to Thrombospondin 1, an extracellular matrix glycoprotein. Forming a CTLH complex with RMND5A, Ran BP-M and TWA1, Muskelin exists as two alternatively spliced isoforms. Muskelin is implicated as an isoform-specific anchoring protein for the prostaglandin EP3 receptor, and contains one LisH domain, a CTLH domain, six Kelch repeats and an N-terminal discoidin-like domain through which it self-associates via a head-to-tail mechanism. Human and mouse Muskelin share 98 % amino acid sequence homology and are encoded by genes located on chromosomes 7q32.3 and 6 A3.3, respectively.

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months