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Datasheet for ABIN7151077 anti-MYLIP antibody (AA 266-445)

3 Images



Overview

Quantity:	100 µL
Target:	MYLIP
Binding Specificity:	AA 266-445
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYLIP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

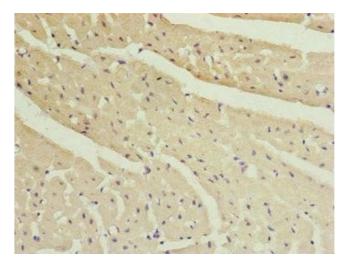
Immunogen:	Recombinant Human E3 ubiquitin-protein ligase MYLIP protein (266-445AA)
Isotype:	lgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

Target Details

Target:	MYLIP
Alternative Name:	MYLIP (MYLIP Products)
Background:	Background: E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent
	proteasomal degradation of myosin regulatory light chain (MRLC), LDLR, VLDLR and LRP8.

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	Activity depends on E2 enzymes of the UBE2D family. Proteasomal degradation of MRLC leads
	to inhibit neurite outgrowth in presence of NGF by counteracting the stabilization of MRLC by
	saposin-like protein (CNPY2/MSAP) and reducing CNPY2-stimulated neurite outgrowth. Acts as
	a sterol-dependent inhibitor of cellular cholesterol uptake by mediating ubiquitination and
	subsequent degradation of LDLR.
	Aliases: BM-023 antibody, BZF1 antibody, E3 ubiquitin protein ligase MYLIP antibody, E3
	ubiquitin-protein ligase MYLIP antibody, Idol antibody, Inducible degrader of the LDL-receptor
	antibody, Lipoprotein receptor antibody, MIR antibody, MYLIP antibody, MYLIP_HUMAN
	antibody, Myosin regulatory light chain interacting protein antibody, PP5242 antibody
UniProt:	Q8WY64
Application Details	
Application Notes:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



120kDa_ 85kDa_ 50kDa_ 35kDa_ 25kDa_ 20kDa_

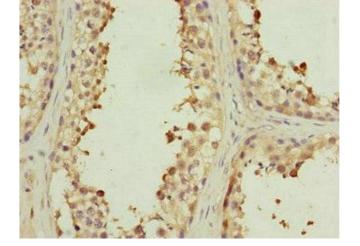
Lane1 Lane2 Lane3

Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human heart tissue using ABIN7151077 at dilution of 1:100

Western Blotting

Image 2. Western blot All lanes: MYLIP antibody at 4.06 µ g/mL Lane 1: Mouse brain tissue Lane 2: Mouse liver tissue Lane 3: Mouse spleen tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 50, 15 kDa Observed band size: 50 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7151077 at dilution of 1:100