

Rabbit MYLIP Polyclonal Antibody | anti-MYLIP antibody

MYLIP Antibody

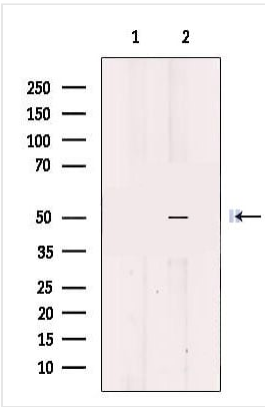
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324691	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MYLIP; Polyclonal Antibody; MYLIP Antibody; BM-023; BZF1; E3 ubiquitin protein ligase MYLIP; E3 ubiquitin-protein ligase MYLIP; Idol; Inducible degrader of the LDL-receptor; Lipoprotein receptor; MIR; MYLIP_HUMAN; Myosin regulatory light chain interacting protein; PP5242; anti-MYLIP antibody

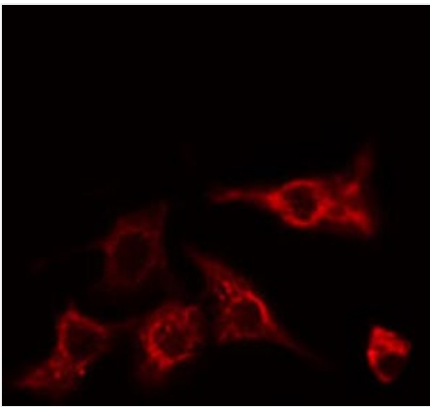
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MYLIP antibody detects endogenous levels of total MYLIP
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	445
Applicable Applications for anti-MYLIP antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MYLIP, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



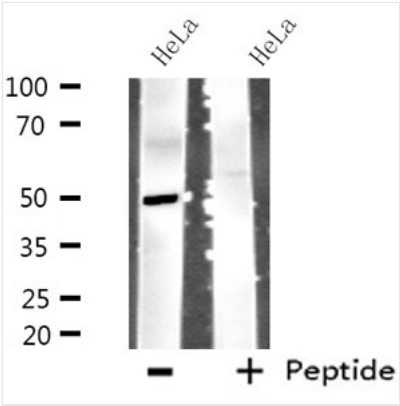
WB (Western Blot)

Western blot analysis of extracts from HeLa, using MYLIP Antibody. The lane on the left was treated with blocking peptide.



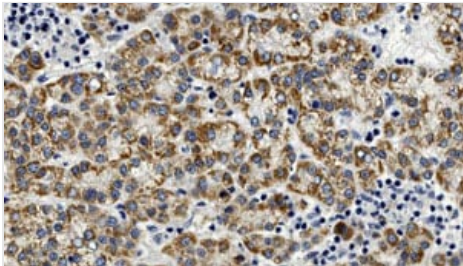
IF (Immunofluorescence)

AAA324691 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells using MYLIP antibody.



IHC (Immunohistochemistry)

AAA324691 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-MYLIP antibody	Function: E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of myosin regulatory light chain (MRLC), LDLR, VLDLR and LRP8. 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. Similarity: The RING domain mediates ubiquitination and the neurite outgrowth inhibitory activity. The FERM domain binds phospholipids and mediates lipoprotein receptors recognition at the plasma membrane through their cytoplasmic tails. The RING-type zinc finger mediates the interaction with UBE2D E2 enzymes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38788243
NCBI GeneID	29116
NCBI Accession #	NP_037394.2
NCBI GenBank Nucleotide #	NM_013262.3

UniProt Accession #	Q8WY64; Q5TIA4; Q9BU73; Q9NRL9; Q9UHE7
Molecular Weight	50 kD
NCBI Official Full Name	E3 ubiquitin-protein ligase MYLIP
NCBI Official Synonym Full Names	myosin regulatory light chain interacting protein
NCBI Official Symbol	MYLIP
NCBI Official Synonym Symbols	MIR; IDOL
NCBI Protein Information	E3 ubiquitin-protein ligase MYLIP
UniProt Protein Name	E3 ubiquitin-protein ligase MYLIP
UniProt Gene Name	MYLIP
UniProt Synonym Gene Names	BZF1; IDOL; Idol; MIR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mylip-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324691>