

Product name:	MYLIP Rabbit Polyclonal Antibody
Cat number:	ABN14314
Conjugate:	Unconjugated
Size:	100μL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human MYLIP. AA range:161-210
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight:	50kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	The ERM protein family members ezrin, radixin, and moesin are cytoskeletal effector proteins linking actin to membrane-bound proteins at the cell surface. Myosin regulatory light chain interacting protein (MYLIP) is a novel ERM-like protein that interacts with myosin regulatory light chain and inhibits neurite outgrowth. [provided by RefSeq, Jul 2008],developmental stage:Expressed in fetal tissues and higher levels were detected in placenta and fetal lung.,domain:The RING domain mediates ubiquitination and the neurite outgrowth inhibitory activity.,function:E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of myosin regulatory light chain (MRLC). Stable or transient overexpression of MIR induces proteasomal degradation of MRLC inhibiting neurite outgrowth in presence of NGF. MIR counteracts the stabilization of MRLC by MIR-interacting saposin-like protein (MSAP/TMEM4) and reduces MSAP-stimulated neurite outgrowth.,pathway:Protein modification; protein ubiquitination.,PTM:Autoubiquitinated.,similarity:Contains 1 FERM domain.,similarity:Contains 1 RING-type zinc finger.,subunit:Interacts with myosin regulatory light chain (MRLC) and TMEM4.,tissue specificity:Ubiquitously expressed.,