

bs-9674R**[Primary Antibody]****MYLIP Rabbit pAb****Bioss**
ANTIBODIES

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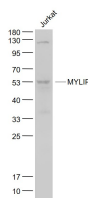
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse)
GeneID: 29116	SWISS: Q8WY64	
Target: MYLIP		Predicted MW.: 49 kDa
Immunogen: KLH conjugated synthetic peptide derived from human MYLIP: 51-150/445.		Subcellular Location: Cytoplasm
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of myosin regulatory light chain (MRLC), LDLR, VLDLR and LRP8. 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.		

— VALIDATION IMAGES —

Sample: Jurkat(Human) Cell Lysate at 30 ug
Primary: Anti- MYLIP (bs-9674R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 49 kD Observed band size: 53 kD

— SELECTED CITATIONS —

- **[IF=2.4]** Jian Sun. et al.Dendrobium nobileLindl. alkaloids improve lipid metabolism by increasing LDL uptake through regulation of the LXR α /IDOL/LDLR pathway and inhibition of PCSK9 expression in HepG2 cells.EXPERIMENTAL AND THERAPEUTIC MEDICINE.2025 Jan 9;29(3):46. Western blot ;Human. 39885913