

PACO45098

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## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:1000-1:5000,  
IHC:1:20-1:200

**Protein Background:**

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.

**Gene ID:**

MYLIP

**Uniprot**

Q8WY64

**Synonyms:**

E3 ubiquitin-protein ligase MYLIP (EC 2.3.2.27) (Inducible degrader of the LDL-receptor) (Idol) (Myosin regulatory light chain interacting protein) (MIR) (RING-type E3 ubiquitin transferase MYLIP), MYLIP, BZF1 IDOL

**Immunogen:**

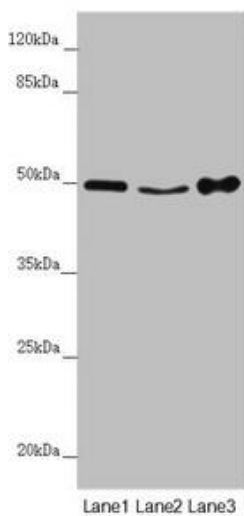
Recombinant Human E3 ubiquitin-protein ligase MYLIP protein (266-445AA).

**Storage:**

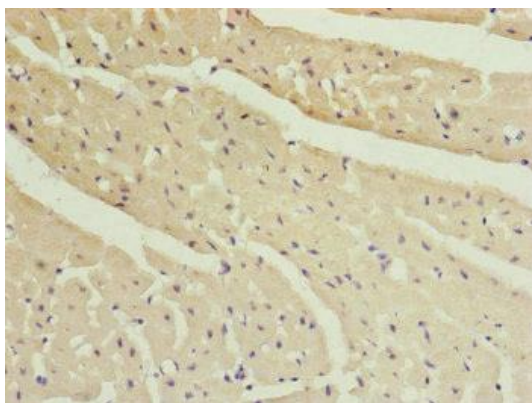
PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

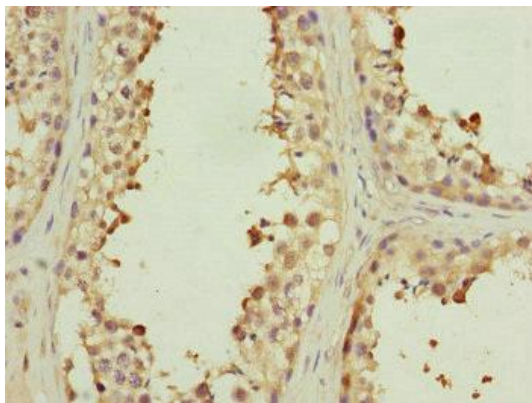
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Western blot. All lanes: MYLIP antibody at 4.06  $\mu\text{g/ml}$ . Lane 1: Mouse brain tissue. Lane 2: Mouse liver tissue. Lane 3: Mouse spleen tissue. Secondary: Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 50, 15 kDa. Observed band size: 50 kDa.



Immunohistochemistry of paraffin-embedded human heart tissue using PACO45098 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human testis tissue using PACO45098 at dilution of 1:100.