10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# MYLIP Polyclonal Antibody
**Catalog # AP71122**

## Specification

### MYLIP Polyclonal Antibody - Product Information

| | |
|---|---|
| Application | **WB, IHC-P** |
| Primary Accession | Q8WY64 |
| Reactivity | **Human, Mouse, Rat** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |

### MYLIP Polyclonal Antibody - Additional Information

**Gene ID** 29116

**Other Names**
MYLIP; BZF1; IDOL; BM-023; PP5242; E3 ubiquitin-protein ligase MYLIP; Inducible degrader of the LDL-receptor; Idol; Myosin regulatory light chain interacting protein; MIR

**Dilution**
WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
IHC-P~~N/A

**Format**
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**
-20℃

### MYLIP Polyclonal Antibody - Protein Information

**Name** MYLIP

**Synonyms** BZF1, IDOL

**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.

**Cellular Location**
Cytoplasm. Cell membrane; Peripheral membrane protein

**Tissue Location**

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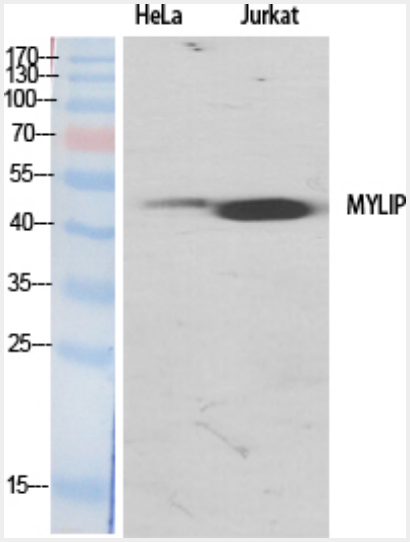
Ubiquitously expressed.

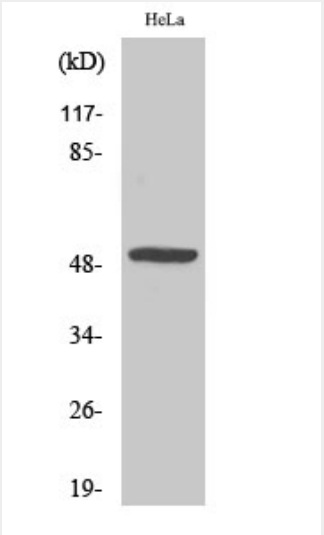
## MYLIP Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## MYLIP Polyclonal Antibody - Images



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## MYLIP Polyclonal Antibody - Background

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