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# RCHY1 Antibody (monoclonal) (M01)

**Mouse monoclonal antibody raised against a partial recombinant RCHY1.**

**Catalog # AT3605a**

## Specification

### RCHY1 Antibody (monoclonal) (M01) - Product Information

| | |
|---|---|
| Application | **WB** |
| Primary Accession | Q96PM5 |
| Other Accession | NM_015436 |
| Reactivity | **Human** |
| Host | **mouse** |
| Clonality | **Monoclonal** |
| Isotype | **IgG1 Kappa** |
| Calculated MW | **30110** |

### RCHY1 Antibody (monoclonal) (M01) - Additional Information

**Gene ID** 25898

**Other Names**
RING finger and CHY zinc finger domain-containing protein 1, 632-, Androgen receptor N-terminal-interacting protein, CH-rich-interacting match with PLAG1, E3 ubiquitin-protein ligase Pirh2, RING finger protein 199, Zinc finger protein 363, p53-induced RING-H2 protein, hPirh2, RCHY1, ARNIP, CHIMP, PIRH2, RNF199, ZNF363

**Target/Specificity**
RCHY1 (NP_056251, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**
WB~~1:500~1000

**Format**
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**
RCHY1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

### RCHY1 Antibody (monoclonal) (M01) - Protocols

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

- Western Blot

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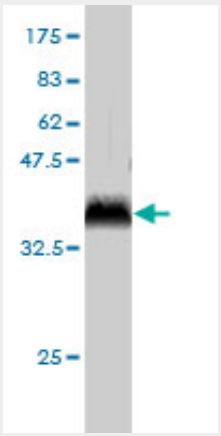
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

**RCHY1 Antibody (monoclonal) (M01) - Images**




Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .

**RCHY1 Antibody (monoclonal) (M01) - Background**

The protein encoded by this gene has ubiquitin-protein ligase activity. This protein binds with p53 and promotes the ubiquitin-mediated proteosomal degradation of p53. This gene is oncogenic because loss of p53 function contributes directly to malignant tumor development. Transcription of this gene is regulated by p53. Alternative splicing results in multiple transcript variants encoding different isoforms.

**RCHY1 Antibody (monoclonal) (M01) - References**

A newly identified Pirh2 substrate SCYL1-BP1 can bind to MDM2 and accelerate MDM2 self-ubiquitination. Yan J, et al. FEBS Lett, 2010 Aug 4. PMID 20598683.A novel hPirh2 splicing variant without ubiquitin protein ligase activity interacts with p53 and is down-regulated in hepatocellular carcinoma. Wu G, et al. FEBS Lett, 2010 Jul 2. PMID 20452352.Pirh2 E3 ubiquitin ligase targets DNA polymerase eta for 20S proteasomal degradation. Jung YS, et al. Mol Cell Biol, 2010 Feb. PMID 20008555.Downregulation of p53 by phosphatase of regenerating liver 3 is mediated by MDM2 and PIRH2. Min SH, et al. Life Sci, 2010 Jan 2. PMID 19945467.Measles virus: evidence for association with lung cancer. Sion-Vardy N, et al. Exp Lung Res, 2009 Oct. PMID 19895323.