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RCHY1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RCHY1.
Catalog # AT3605a

Product Information

Application	WB
Primary Accession	Q96PM5
Other Accession	NM_015436
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	5D12
Calculated MW	30110

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.

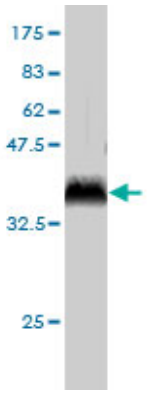
Background

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.

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.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.