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

Anti-RCHY1 / PIRH2 Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18422

Product Information

Application	WB, IHC-P, IF, ICC
Primary Accession	Q96PM5
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	30110
Concentration (mg/ml)	0.88 mg/ml

Additional Information

Gene ID	25898
Alias Symbol	RCHY1
Other Names	RCHY1, ARNIP, CHIMP, HARNIP, HPirh2, PIRH2E, PIRH2, PIRH2F, PRO1996, RING finger protein 199, Zinc finger protein 363, ZNF363, p53-induced RING-H2 protein, RNF199
Target/Specificity	Human RCHY1 / PIRH2
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-RCHY1 / PIRH2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RCHY1
Function	E3 ubiquitin-protein ligase that mediates ubiquitination of target proteins, including p53/TP53, TP73, HDAC1 and CDKN1B (PubMed:16914734, PubMed:17721809, PubMed:18006823, PubMed:19043414, PubMed:19483087, PubMed:21994467). Mediates ubiquitination and degradation of p53/TP53; preferentially acts on tetrameric p53/TP53 (PubMed:19043414, PubMed:19483087). Catalyzes monoubiquitinates the translesion DNA polymerase POLH (PubMed:21791603). Involved in the ribosome-associated quality control (RQC) pathway, which mediates the extraction of incompletely synthesized nascent chains from stalled ribosomes: RCHY1 acts downstream of NEMF and recognizes CAT tails associated with stalled nascent chains, leading to their ubiquitination and degradation (PubMed:33909987).

Cellular Location	Nucleus. Nucleus speckle. Cytoplasm

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