

Pirh2 Rabbit mAb

Catalog # AP74890

Product Information

Primary Accession	Q96PM5
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	30110

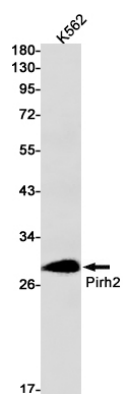
Additional Information

Gene ID	25898
Other Names	RCHY1
Format	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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

Images



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