

# RNF158 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP59188

## Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	<a href="#">Q8TEC5</a>
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	79320

## Additional Information

Gene ID	153769
Other Names	E3 ubiquitin-protein ligase SH3RF2, 2.3.2.27, Heart protein phosphatase 1-binding protein, HEPP1, POSH-eliminating RING protein, Protein phosphatase 1 regulatory subunit 39, RING finger protein 158, RING-type E3 ubiquitin transferase SH3RF2, SH3 domain-containing RING finger protein 2, SH3RF2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:50-200,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

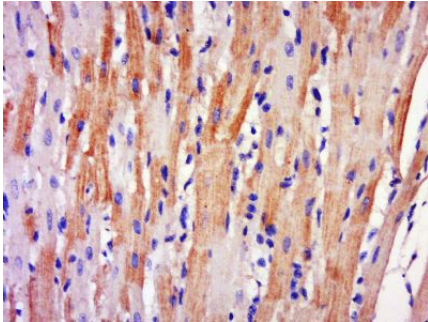
## Protein Information

Name	SH3RF2
Function	Has E3 ubiquitin-protein ligase activity (PubMed: <a href="#">24130170</a> ). Acts as an anti-apoptotic regulator of the JNK pathway by ubiquitinating and promoting the degradation of SH3RF1, a scaffold protein that is required for pro-apoptotic JNK activation (PubMed: <a href="#">22128169</a> ). Facilitates TNF-alpha-mediated recruitment of adapter proteins TRADD and RIPK1 to TNFRSF1A and regulates PAK4 protein stability via inhibition of its ubiquitin-mediated proteasomal degradation (PubMed: <a href="#">24130170</a> ). Inhibits PPP1CA phosphatase activity (PubMed: <a href="#">19389623</a> , PubMed: <a href="#">19945436</a> ).
Cellular Location	Nucleus.
Tissue Location	Heart (at protein level). Up-regulated in colon cancer tissues as compared to normal colon tissues (at protein level) Testis. In the heart, present in the apex,

left atrium, right atrium, left ventricle and right ventricle, but not in the aorta

## Images

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Tissue/cell: rat heart tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-RNF158 Polyclonal Antibody, Unconjugated(AP59188) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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