

**RNF158 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP59188****Specification**

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**RNF158 Polyclonal Antibody - Product Information**

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

**RNF158 Polyclonal Antibody - 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

**Format**

0.01M TBS(pH7.4), 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.

**RNF158 Polyclonal Antibody - Protein Information****Name** SH3RF2**Function**

Has E3 ubiquitin-protein ligase activity (PubMed:<a href="http://www.uniprot.org/citations/24130170" target="\_blank">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="http://www.uniprot.org/citations/22128169" target="\_blank">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="http://www.uniprot.org/citations/24130170" target="\_blank">24130170</a>). Inhibits PPP1CA phosphatase activity (PubMed:<a href="http://www.uniprot.org/citations/19945436" target="\_blank">19945436</a>, PubMed:<a href="http://www.uniprot.org/citations/19389623" target="\_blank">19389623</a>).

**Cellular Location**

Nucleus.

#### **Tissue Location**

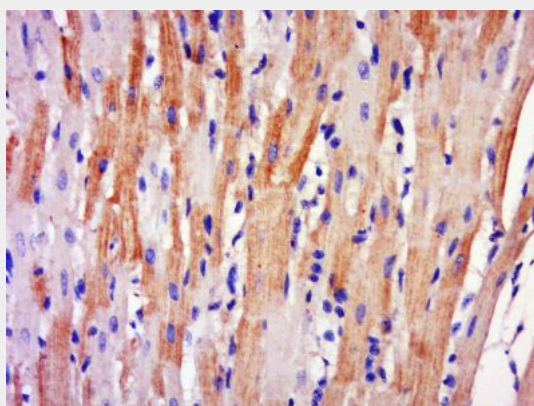
Heart (at protein level). Up-regulated in colon cancer tissues as compared to normal colon tissues (at protein level) Testis. In the heart, present in the apex, left atrium, right atrium, left ventricle and right ventricle, but not in the aorta

#### **RNF158 Polyclonal Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **RNF158 Polyclonal Antibody - Images**



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(bs-9230R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining