

SH3RF2 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13982**Specification****SH3RF2 Antibody (C-Terminus) - Product Information**

Application	IF, WB, IHC
Primary Accession	Q8TEC5
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	79kDa KDa

SH3RF2 Antibody (C-Terminus) - Additional Information**Gene ID** 153769**Other Names**

Putative E3 ubiquitin-protein ligase SH3RF2, 6.3.2.-, Heart protein phosphatase 1-binding protein, HEPP1, Protein phosphatase 1 regulatory subunit 39, RING finger protein 158, SH3 domain-containing RING finger protein 2, SH3RF2, PPP1R39, RNF158

Target/Specificity

Human SH3RF2

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

SH3RF2 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

SH3RF2 Antibody (C-Terminus) - Protein Information**Name** SH3RF2**Function**

Has E3 ubiquitin-protein ligase activity (PubMed:24130170). 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:22128169). 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:24130170). Inhibits PPP1CA phosphatase activity (PubMed:19945436, PubMed:19389623).

Cellular Location

Nucleus.

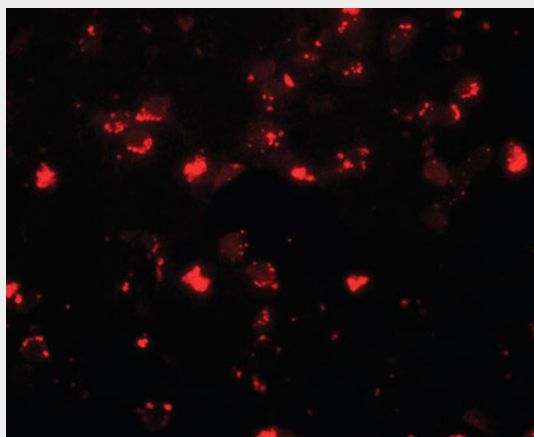
Tissue Location

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

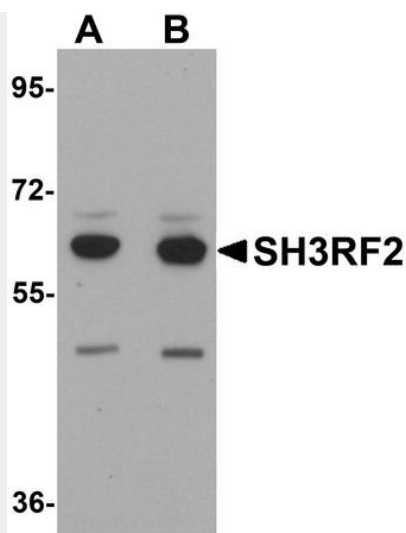
SH3RF2 Antibody (C-Terminus) - Protocols

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

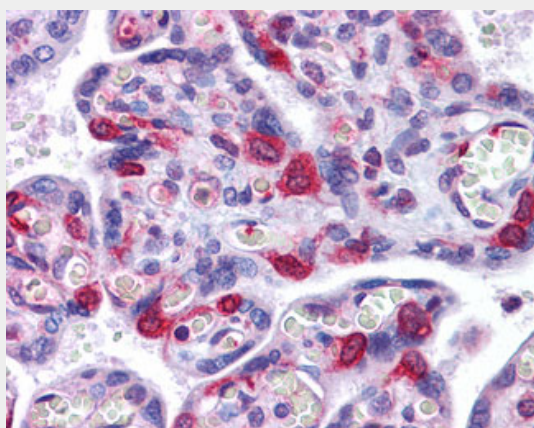
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SH3RF2 Antibody (C-Terminus) - Images

Immunofluorescence of SH3RF2 in human brain tissue with SH3RF2 antibody at 20 ug/ml.



Western blot analysis of SH3RF2 in 3T3 cell lysate with SH3RF2 antibody at (A) 1 and (B) 2 ug/ml.



Anti-SH3RF2 antibody IHC of human placenta.

SH3RF2 Antibody (C-Terminus) - Background

Inhibits PPP1CA phosphatase activity. May be a E3 ubiquitin-protein ligase (Potential). May play a role in cardiac function.

SH3RF2 Antibody (C-Terminus) - References

- Chen C.Y.,et al.Biochem. Biophys. Res. Commun. 391:698-702(2010).
- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Schmutz J.,et al.Nature 431:268-274(2004).
- Voss M.,et al.BMC Immunol. 10:53-53(2009).
- Hendrickx A.,et al.Chem. Biol. 16:365-371(2009).