

SH3BGR Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16896c**Specification**

SH3BGR Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P55822
Other Accession	NP_001001713.1 , NP_031367.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	26086
Antigen Region	149-177

SH3BGR Antibody (Center) - Additional Information**Gene ID** 6450**Other Names**

SH3 domain-binding glutamic acid-rich protein, SH3BGR protein, 21-glutamic acid-rich protein, 21-GARP, SH3BGR

Target/Specificity

This SH3BGR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 149-177 amino acids from the Central region of human SH3BGR.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SH3BGR Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SH3BGR Antibody (Center) - Protein Information**Name** SH3BGR**Tissue Location**

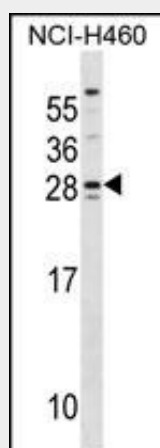
Expressed in heart and skeletal muscle.

SH3BGR Antibody (Center) - 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](#)

SH3BGR Antibody (Center) - Images



SH3BGR Antibody (Center) (Cat. #AP16896c) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the SH3BGR antibody detected the SH3BGR protein (arrow).

SH3BGR Antibody (Center) - Background

Proline-rich peptide sequences have been shown to play important roles in protein-protein interactions that occur in signal transduction pathways. SH3 domain binding glutamic acid-rich protein (SH3BGR), also designated 21-glutamic acid-rich protein (21-GARP), is a 239-amino acid protein differentially expressed in heart and skeletal muscle. Its proline-rich region contains the consensus sequence for an SH3-binding domain and its acidic C-terminal region contains a glutamic acid-rich domain which may assume a coiled-coil structure. SH3BGR may be part of a multimeric complex, as it contains 2 functional domains involved in protein-protein interactions.

SH3BGR Antibody (Center) - References

Naukkarinen, J., et al. PLoS Genet. 6 (6), E1000976 (2010) :
Hu, Y.H., et al. BMC Genomics 7, 155 (2006) :
Sandri, C., et al. Hum. Genet. 114(5):517-519(2004)
Jiang, L.Q., et al. Hypertens. Res. 25(4):647-652(2002)
Scartezzini, P., et al. Hum. Genet. 99(3):387-392(1997)