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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

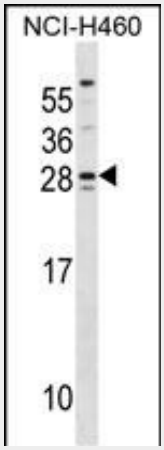
Expressed in heart and skeletal muscle.

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 Cytomety
- 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)