

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 <u>NP_001001713.1</u>, <u>NP_031367.1</u>

Reactivity
Host
Clonality
Polyclonal
Isotype
Calculated MW
Antigen Region

Human
Rabbit
Polyclonal
Rabbit IgG
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

E~~Use at an assay dependent concentration.

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

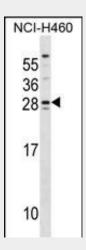
Expressed in heart and skeletal muscle.

SH3BGR Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- 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)