

## Product datasheet for **TA366440**

### SH3BGR Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human muscle tissue lysate IHC: 50-100 Positive control: Human colorectal cancer Predicted cell location: Cytoplasm, Cell membrane
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human SH3BGR
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	26 kDa
Gene Name:	SH3 domain binding glutamate rich protein
Database Link:	<a href="#">Entrez Gene 6450 Human P55822</a>



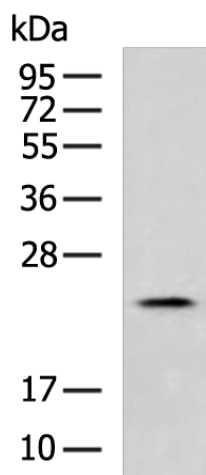
[View online »](#)

**Background:**

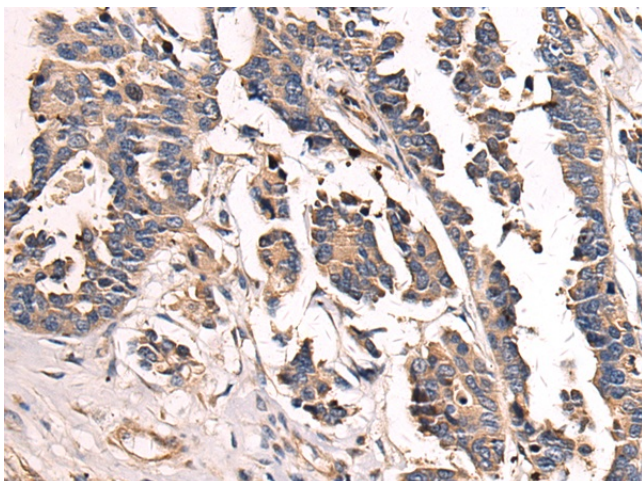
SH3 domain binding glutamic acid-rich protein (SH3BGR), also designated 21-glutamic acid-rich protein (21-GARP), is a 239-amino acid protein differentially expressed in heart and skeletal muscle. Its proline-rich region contains the consensus sequence for an SH3-binding domain and its acidic C-terminal 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. The SH3BGR gene maps proximal to HMG14 on chromosome 21q22.3.

**Synonyms:**

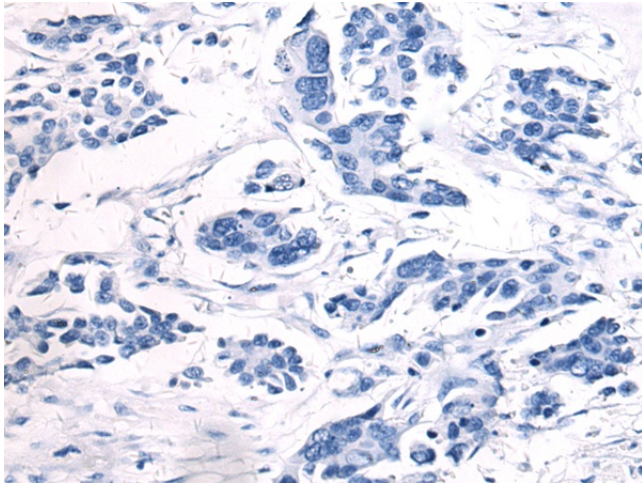
21-GARP; OTTHUMP00000082773; OTTHUMP00000109161

**Product images:**

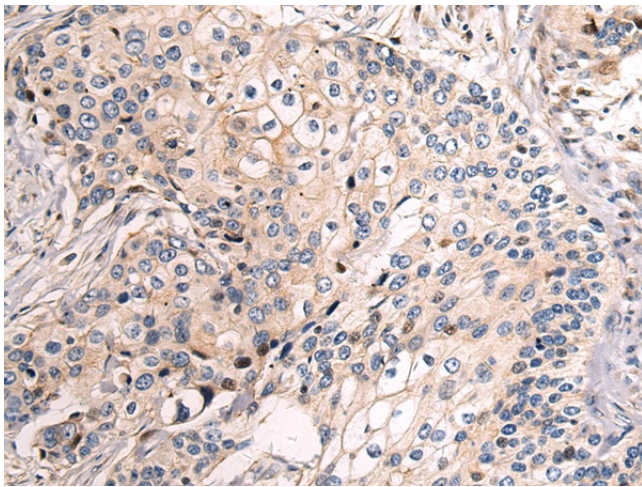
Gel: 12%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: Human muscle tissue lysate  
Primary antibody: TA366440 (SH3BGR Antibody) at dilution 1/400  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 30 seconds



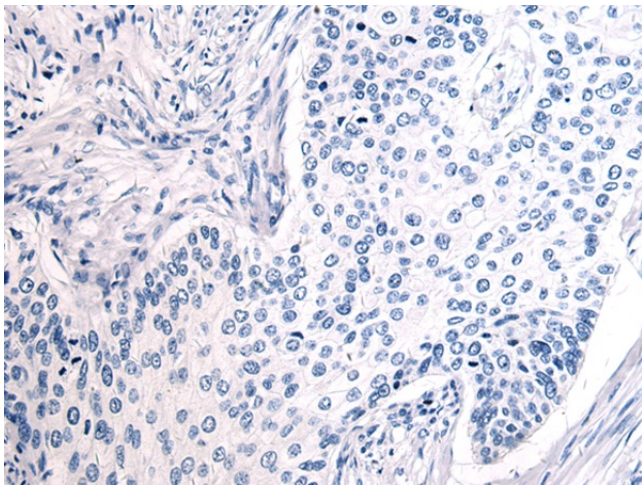
Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA366440 (SH3BGR Antibody) at dilution 1/70 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA366440 (SH3BGR Antibody) at dilution 1/70, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA366440 (SH3BGR Antibody) at dilution 1/70 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA366440 (SH3BGR Antibody) at dilution 1/70, treated with fusion protein. (Original magnification:  $\times 200$ )