For Research Use Only

SHQ1 Polyclonal antibody

Catalog Number:27020-1-AP 4 Publications

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Basic Information

Catalog Number:
27020-1-AP

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG25559

GenBank Accession Number:
BC017274

GeneID (NCBI):
55164

UNIPROT ID:
Q6PI26

Full Name:
SHQ1 homolog (S. cerevisiae)

Calculated MW:
593 aa, 67 kDa

Observed MW:
70 kDa~80 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:1000-1:4000
IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC: 1:50-1:500
IF/ICC: 1:50-1:500

Applications

Tested Applications:
WB, IHC, IF/ICC, IP, ELISA

Cited Applications:
WB, IHC, IP, CoIP

Species Specificity:
human

Cited Species:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : K-562 cells, A549 cells, HEK-293T cells

IP : K-562 cells,

IHC : human colon cancer tissue, human prostate hyperplasia tissue

IF/ICC : A431 cells,

Background Information

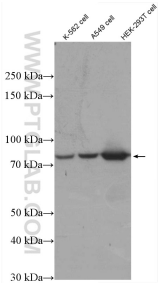
Notable Publications

Author	Pubmed ID	Journal	Application
Min Wu	40577453	Sci Adv	WB,IHC
Chien-Hui Chang	39326821	Exp Neurol	WB
Jian Qin	37879098	Hum Mol Genet	WB,IP,CoIP

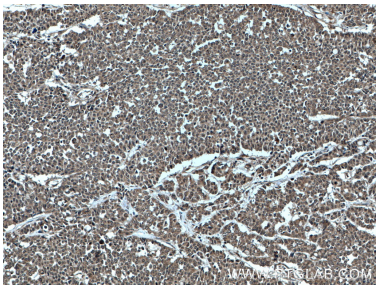
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

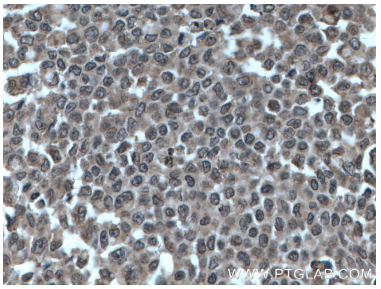
Selected Validation Data



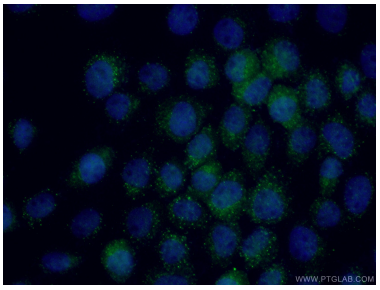
Various lysates were subjected to SDS PAGE followed by western blot with 27020-1-AP (SHQ1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



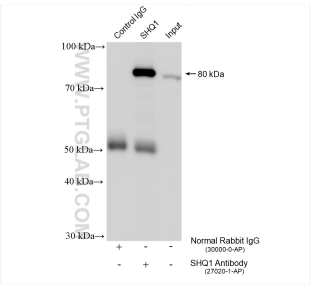
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 27020-1-AP (SHQ1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 27020-1-AP (SHQ1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using 27020-1-AP (SHQ1 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated Goat Anti-Rabbit IgG(H+L).



IP result of anti-SHQ1 (IP:27020-1-AP, 4ug; Detection:27020-1-AP 1:1500) with K-562 cells lysate 2400 ug.