10320 Camino Santa Fe, Suite G
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SH3D20 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12523c

Specification

SH3D20 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q6ZUM4
Other Accession	NP_001152802.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**98396**
Antigen Region	**198-226**

SH3D20 Antibody (Center) - Additional Information

Gene ID 201176

Other Names
Rho GTPase-activating protein 27, CIN85-associated multi-domain-containing Rho GTPase-activating protein 1, Rho-type GTPase-activating protein 27, SH3 domain-containing protein 20, ARHGAP27, CAMGAP1, SH3D20

Target/Specificity
This SH3D20 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 198-226 amino acids from the Central region of human SH3D20.

Dilution
WB~~1:2000

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
SH3D20 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SH3D20 Antibody (Center) - Protein Information

Name ARHGAP27 (HGNC:31813)

Function Rho GTPase-activating protein which may be involved in clathrin-mediated endocytosis. GTPase activators for the Rho-type GTPases act by converting them to an inactive GDP-bound state. Has activity toward CDC42 and RAC1 (By similarity).

Cellular Location
Cytoplasm. Membrane; Peripheral membrane protein

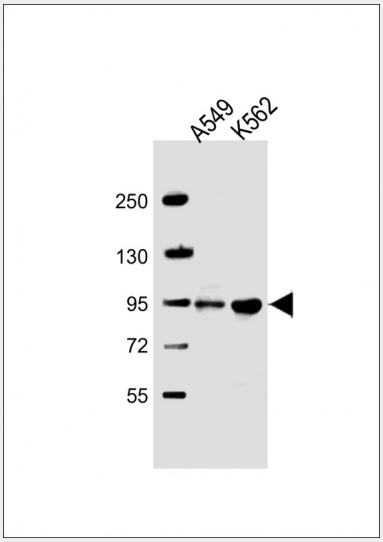
Tissue Location
Expressed in germinal center B-cell, spleen, chronic lymphocytic leukemia, pancreatic cancer and lung cancer

SH3D20 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

SH3D20 Antibody (Center) - Images



All lanes : Anti-SH3D20 Antibody (Center) at 1:2000 dilution Lane 1: A549 whole cell lysate Lane 2: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 98 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

SH3D20 Antibody (Center) - Background

SH3D20 is a rho GTPase-activating protein which may be involved in clathrin-mediated endocytosis. GTPase activators for the Rho-type GTPases act by converting them to an inactive GDP-bound state. Has activity toward CDC42 and RAC1 (By similarity).

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SH3D20 Antibody (Center) - References

Edwards, T.L., et al. Ann. Hum. Genet. 74(2):97-109(2010)