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SH2D4A Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12049A

Specification

SH2D4A Antibody (N-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q9H788
Other Accession	NP_071354.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**52727**
Antigen Region	**38-67**

SH2D4A Antibody (N-term) - Additional Information

Gene ID 63898

Other Names
SH2 domain-containing protein 4A, Protein SH(2)A, Protein phosphatase 1 regulatory subunit 38, SH2D4A, PPP1R38, SH2A

Target/Specificity
This SH2D4A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 38-67 amino acids from the N-terminal region of human SH2D4A.

Dilution
WB~~1:1000
IHC-P~~1:10~50

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
SH2D4A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SH2D4A Antibody (N-term) - Protein Information

Name SH2D4A

Synonyms PPP1R38, SH2A

Function Inhibits estrogen-induced cell proliferation by competing with PLCG for binding to ESR1, blocking the effect of estrogen on PLCG and repressing estrogen-induced proliferation. May play a role in T- cell development and function.

Cellular Location
Cytoplasm. Note=Located at podocyte foot processes.

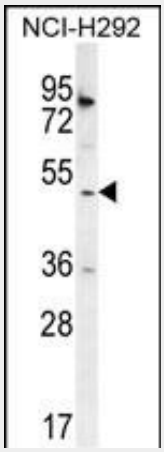
Tissue Location
Ubiquitously expressed. Aberrantly expressed in some cancers.

SH2D4A Antibody (N-term) - Protocols

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

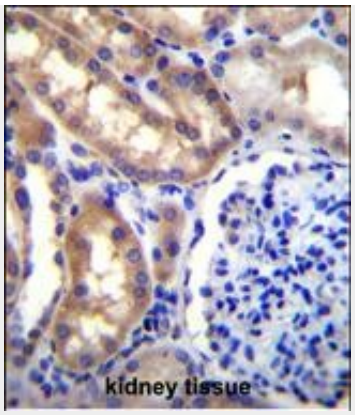
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SH2D4A Antibody (N-term) - Images



SH2D4A Antibody (N-term) (Cat. #AP12049a) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the SH2D4A antibody detected the SH2D4A protein (arrow).

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SH2D4A Antibody (N-term) (Cat. #AP12049a)immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SH2D4A Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

SH2D4A Antibody (N-term) - Background

SH2D4A inhibits estrogen-induced cell proliferation by competing with PLCG for binding to ESR1, blocking the effect of estrogen on PLCG and repressing estrogen-induced proliferation. May play a role in T-cell development and function.

SH2D4A Antibody (N-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Li, T., et al. BMB Rep 42(8):516-522(2009)
Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009)
Lapinski, P.E., et al. J. Immunol. 181(3):2019-2027(2008)
Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)