

SH2D3A Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58388**Specification**

SH2D3A Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9BRG2
Reactivity	Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NSP1/SH2D3A
Epitope Specificity	151-250/576
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 SH2 domain.
SUBUNIT	Interacts with BCAR1.
Post-translational modifications	Phosphorylated on tyrosine.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

SH2D3A is a 576 amino acid protein that is thought to play a role in JNK activation. SH2D3A interacts with p130 Cas and is found at low levels in fetal kidney, fetal lung, placenta, adult pancreas, kidney and lung. Subject to post-translational phosphorylation on multiple tyrosine residues, SH2D3A contains one Src homology 2 (SH2) domain. SH2 domains bind to tyrosine-phosphorylated regions of target proteins, frequently linking activated growth factors to putative signal transduction proteins. The gene encoding SH2D3A maps to human chromosome 19, which consists of over 63 million bases, houses approximately 1,400 genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin (Ig) superfamily members, including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG families and Fc receptors (FcRs).

SH2D3A Polyclonal Antibody - Additional Information**Gene ID** 10045**Other Names**

SH2 domain-containing protein 3A, Novel SH2-containing protein 1, SH2D3A, NSP1

Target/Specificity

Weakly expressed in placenta, fetal kidney, fetal lung, adult pancreas, adult kidney and adult lung.

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SH2D3A Polyclonal Antibody - Protein Information

Name SH2D3A

Synonyms NSP1

Function

May play a role in JNK activation.

Tissue Location

Weakly expressed in placenta, fetal kidney, fetal lung, adult pancreas, adult kidney and adult lung

SH2D3A Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SH2D3A Polyclonal Antibody - Images