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SH2D3A Rabbit pAb

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Catalog # AP58388

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9BRG2
Predicted	Pig, Human, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63093
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.
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).

Additional Information

Gene ID	10045
Other Names	SH2 domain-containing protein 3A, Novel SH2-containing protein 1, SH2D3A, NSP1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

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

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.