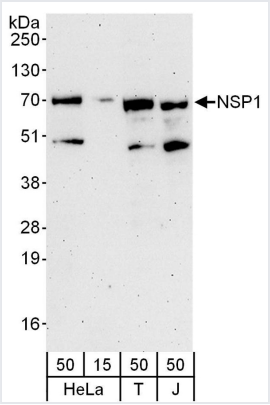
NSP1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NSP1, Polyclonal Antibody
Full Product Name	Rabbit anti-NSP1 Antibody, Affinity Purified
Product Gene Name	anti-NSP1 antibody
Product Synonym Gene Name	SH2D3A
Product Synonym Names	SH2 domain-containing protein 3A; novel SH2-containing protein 1; NSP1; SH2 domain-containing protein 3A; SH2 domain containing 3A
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Purity/Purification	Antigen Affinity Purified
Concentration	200ug/ml (lot specific)
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt
Molecular Weight	52,402 Da
OMIM	604721
3D Structure	ModBase 3D Structure for Q9BRG2
Immunogen	Between 125 and 175
Conjugation	Unconjugated
Product Categories/Family for anti-NSP1 antibody	Primary Antibodies
Applications Tested/Suitable for anti-NSP1 antibody	Western Blot (WB)
Application Notes for anti-NSP1 antibody	WB: 1:2000-1:10,000
Related Product Information for anti-NSP1 antibody	Novel SH2-containing protein 1 (NSP1) is a member of a family of three related adaptor proteins: NSP1, NSP2/BCAR3, and NSP3. NSP1 may function to link integrin and tyrosine kinase receptors to the JNK signaling pathway.
Other Notes	Small volumes of anti-NSP1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for NSP1 purchase	MBS3903575 is an antibody targeting NSP1. Also known as Rabbit anti-NSP1 Antibody, Affinity Purified. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-NSP1 antibody
Detection of human NSP1 by western blot. Samples: Whole cell lysate from HeLa (15 and 15 ug), HEK293T (T; 50 ug) and Jurkat (J; 50 ug) cells. Antibodies: Affinity purified rabbit anti-NSP1 antibody MBS3903575 used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NSP1. It may not necessarily be applicable to this product.

NCBI GI #	208609985
NCBI GeneID	10045
NCBI Accession #	NP_005481.2
UniProt Primary Accession #	Q9BRG2
UniProt Secondary Accession #	Q9Y2X4; A8K9R6; B4DRS7
UniProt Related Accession #	Q9BRG2
GenBank Nucleotide #	NM_005490.2
NCBI Official Full Name	SH2 domain-containing protein 3A
NCBI Official Synonym Full Names	SH2 domain containing 3A
NCBI Official Symbol	SH2D3A
NCBI Official Synonym Symbols	NSP1
UniProt Protein Name	SH2 domain-containing protein 3A
UniProt Synonym Protein Names	Novel SH2-containing protein 1
Protein Family	Nitrile-specifier protein
UniProt Gene Name	SH2D3A
UniProt Synonym Gene Names	NSP1
UniProt Entry Name	SH23A_HUMAN
NCBI Protein Information	SH2 domain-containing protein 3A; SH2 domain-containing 3A; novel SH2-containing protein 1

UniProt Comments for NSP1	SH2D3A: May play a role in JNK activation. Protein type: Adaptor/scaffold Chromosomal Location of Human Ortholog: 19p13.3 Molecular Function: protein binding; SH3/SH2 adaptor activity; guanyl-nucleotide exchange factor activity Biological Process: positive regulation of signal transduction; small GTPase mediated signal transduction; JNK cascade; positive regulation of GTPase activity
Research Articles on NSP1	**1.** NSP1 overexpression did not induce anti-estrogen resistance in breast tumor cell lines.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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