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Datasheet for ABIN1713874

**anti-SARS-CoV NSP3 antibody (AA 761-860)**

## Overview

Quantity:	100 µL
Target:	SARS-CoV NSP3
Binding Specificity:	AA 761-860
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SARS-CoV NSP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NSP3
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow
Purification:	Purified by Protein A.

## Target Details

Target:	SARS-CoV NSP3
Alternative Name:	NSP3 ( <a href="#">SARS-CoV NSP3 Products</a> )

## Target Details

Target Type:	Viral Protein
Background:	<p>Synonyms: Cas/HEF1 associated signal transducer, CHAT, FLJ39664, Novel SH2 containing protein 3, Novel SH2-containing protein 3, NSP 3, PR034088, SH2 domain containing 3C, SH2 domain containing Eph receptor binding protein 1, SH2 domain containing protein 3C, SH2 domain-containing protein 3C, SH2D3_HUMAN, SH2D3C, Shep1.</p> <p>Background: Tumor necrosis factor (TNF) is a pleiotropic cytokine whose function is mediated through two distinct cell surface receptors (1,2). These receptors, designated TNF-R1 and TNF-R2, are expressed on most cell types (1,3). The majority of TNF functions are primarily mediated through TNF-R1 (1,4). FAN (for factor associated with neutral sphingomyelinase (N-SMase) activation) is an intermediate protein that interacts with TNF-R1 to initiate TNF signaling events. FAN binds to TNF-R1 at the cytoplasmic NSD (N-SMase activating domain), which results in the initiation of the N-SMase pathway (5). N-SMase has been shown to be involved in TNF-induced Raf-1 activation (6). FAN contains four carboxy-terminal WD-repeat domains which appear to be involved in protein-protein interaction. The FAN WD-repeats may mediate the interaction between FAN and TNF-R1 (5).</p>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

## Handling

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handled by trained staff only.

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Storage: 4 °C,-20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months