

Datasheet for ABIN657707

**anti-G3BP1 antibody (C-Term)****2** Images[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	G3BP1
Binding Specificity:	AA 401-430, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This G3BP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 401-430 amino acids from the C-terminal region of human G3BP1.
Clone:	RB33927
Isotype:	Ig Fraction
Predicted Reactivity:	B, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	G3BP1
Alternative Name:	G3BP1 ( <a href="#">G3BP1 Products</a> )
Background:	This gene encodes one of the DNA-unwinding enzymes which prefers partially unwound 3'-

## Target Details

tailed substrates and can also unwind partial RNA/DNA and RNA/RNA duplexes in an ATP-dependent fashion. This enzyme is a member of the heterogeneous nuclear RNA-binding proteins and is also an element of the Ras signal transduction pathway. It binds specifically to the Ras-GTPase-activating protein by associating with its SH3 domain. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.

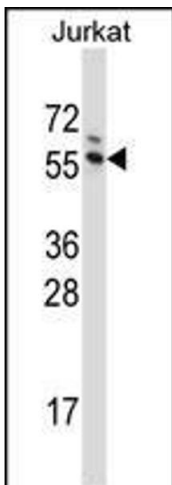
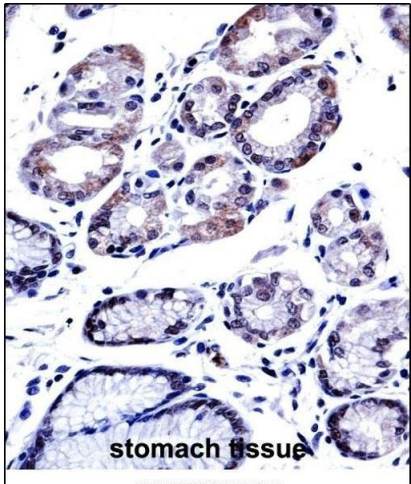
Molecular Weight:	52164
Gene ID:	10146
NCBI Accession:	<a href="#">NP_005745</a> , <a href="#">NP_938405</a>
UniProt:	<a href="#">Q13283</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	G3BP1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** G3BP1 Antibody (C-term) ((ABIN657707 and ABIN2846698))immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of G3BP1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

**Western Blotting**

**Image 2.** G3BP1 Antibody (C-term) (ABIN657707 and ABIN2846698) western blot analysis in Jurkat cell line lysates (35 µg/lane).This demonstrates the G3BP1 antibody detected the G3BP1 protein (arrow).