

Datasheet for ABIN391268  
**anti-CLASP2 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	CLASP2
Binding Specificity:	AA 946-975, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLASP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This CLASP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 946-975 amino acids from the C-terminal region of human CLASP2.
Clone:	RB9127
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	CLASP2
Alternative Name:	CLASP2 ( <a href="#">CLASP2 Products</a> )
Background:	Microtubule plus-end tracking protein that promotes the stabilization of dynamic microtubules.

## Target Details

Required for the polarization of the cytoplasmic microtubule arrays in migrating cells towards the leading edge of the cell. May act at the cell cortex to enhance the frequency of rescue of depolymerizing microtubules by attaching their plus-ends to cortical platforms composed of ERC1 and PHLDB2. This cortical microtubule stabilizing activity is regulated at least in part by phosphatidylinositol 3-kinase signaling. Also performs a similar stabilizing function at the kinetochore which is essential for the bipolar alignment of chromosomes on the mitotic spindle.

Molecular Weight: 141064

Gene ID: 23122

NCBI Accession: [NP\\_001193973](#), [NP\\_055912](#)

UniProt: [O75122](#)

Pathways: [Microtubule Dynamics](#), [Maintenance of Protein Location](#)

## Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

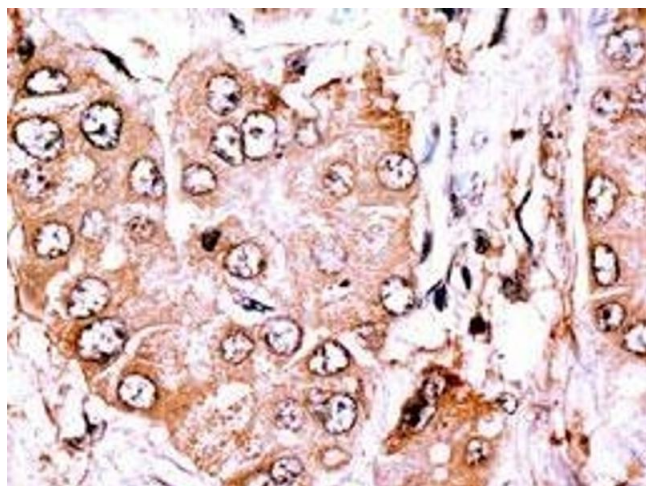
Preservative: Sodium azide

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

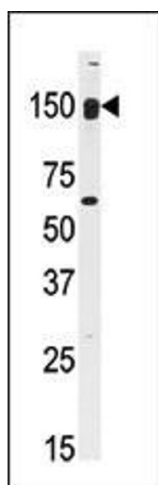
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human Hepatocellular carcinoma reacted with anti-CLASP2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



#### Western Blotting

**Image 2.** Western blot analysis of anti-CLASP2 Antibody (C-term) (ABIN391268 and ABIN2841319) in mouse kidney tissue lysates (35 µg/lane). CLASP2 (arrow) was detected using the purified Pab.