



[Go to Product page](#)

Datasheet for ABIN891154

## anti-CLASP2 antibody (AA 1201-1294) (AbBy Fluor® 647)

### Overview

Quantity:	100 µL
Target:	CLASP2
Binding Specificity:	AA 1201-1294
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLASP2 antibody is conjugated to AbBy Fluor® 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CLASP2
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Pig, Horse
Purification:	Purified by Protein A.

### Target Details

Target:	CLASP2
Alternative Name:	CLASP2 ( <a href="#">CLASP2 Products</a> )
Background:	Synonyms: CLASP 2, CLIP associating protein 2, Cytoplasmic linker associated protein 2,

## Target Details

---

hOrbit2, KIAA0627, Multiple asters Mast like homolog 2, Protein Orbit homolog 2, CLASP2\_HUMAN.

Background: CLASP2 is a microtubule plus end tracking protein that promotes the stabilization of dynamic microtubules and is required for the polarization of the cytoplasmic microtubule arrays in migrating cells towards the leading edge of the cell. CLASP2 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.

CLASP2 also performs a similar stabilizing function at the kinetochore which is essential for the bipolar alignment of chromosomes on the mitotic spindle.

---

Gene ID: 23122

---

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

## Application Details

---

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

---

Restrictions: For Research Use only

## Handling

---

Format: Liquid

---

Concentration: 1 µg/µL

---

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

---

Preservative: ProClin

---

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

---

Storage: -20 °C

---

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

---

Expiry Date: 12 months