

## Datasheet for ABIN7466153 **anti-CLASP1 antibody**



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### Overview

Quantity:	100 µL
Target:	CLASP1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLASP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human CLASP1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	CLASP1
Alternative Name:	cytoplasmic linker associated protein 1 ( <a href="#">CLASP1 Products</a> )
Background:	Cytoplasmic linker associated protein 1 , MAST1,CLASPs, such as CLASP1, are nonmotor microtubule-associated proteins that interact with CLIPs (e.g., CLIP170, MIM 179838). CLASP1

## Target Details

	is involved in the regulation of microtubule dynamics at the kinetochore and throughout the spindle (Maiato et al., 2003 [PubMed 12837247]).[supplied by OMIM]
Molecular Weight:	169 kDa
Gene ID:	23332
UniProt:	<a href="#">Q7Z460</a>
Pathways:	<a href="#">Microtubule Dynamics</a> , <a href="#">M Phase</a> , <a href="#">Maintenance of Protein Location</a>

## Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HepG2 , Mouse brain
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.46 mg/mL
Buffer:	0.1M Tris-Glycine ( pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.