

Datasheet for ABIN7147935  
**anti-CLASP1 antibody (AA 1389-1538)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	CLASP1
Binding Specificity:	AA 1389-1538
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLASP1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Recombinant Human CLIP-associating protein 1 protein (1389-1538AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

## Target Details

Target:	CLASP1
Alternative Name:	CLASP1 ( <a href="#">CLASP1 Products</a> )
Background:	Background: Microtubule plus-end tracking protein that promotes the stabilization of dynamic microtubules. Involved in the nucleation of noncentrosomal microtubules originating from the

## Target Details

trans-Golgi network (TGN). 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.

Aliases: 1700030C23Rik antibody, 5730583A19Rik antibody, B130045P17Rik antibody, CLAP1\_HUMAN antibody, clasp1 antibody, CLIP associating protein 1 antibody, CLIP associating protein CLASP1 antibody, CLIP-associating protein 1 antibody, Cytoplasmic linker associated protein 1 antibody, Cytoplasmic linker-associated protein 1 antibody, DKFZp686D1968 antibody, DKFZp686H2039 antibody, FLJ33821 antibody, FLJ41222 antibody, hOrbit1 antibody, KIAA0622 antibody, MAST1 antibody, MGC131895 antibody, mKIAA0622 antibody, Multiple asters 1 antibody, Multiple asters homolog 1 antibody, Protein Orbit homolog 1 antibody

UniProt: [Q7Z460](#)

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

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

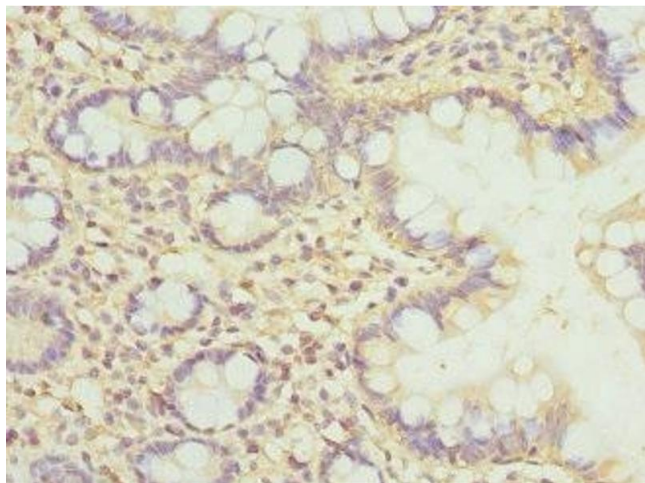
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

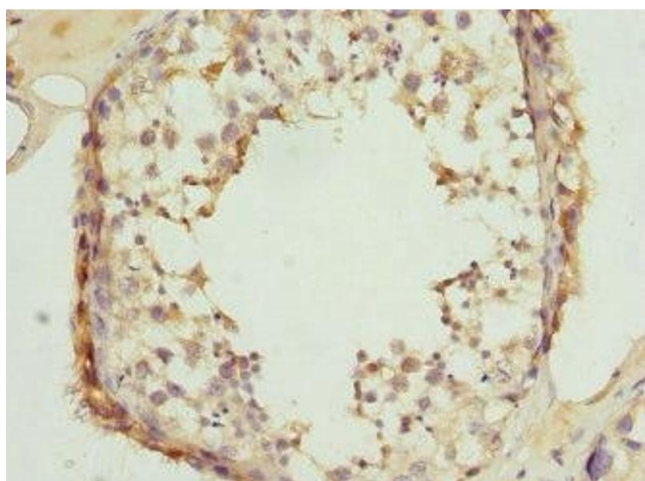
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7147935 at dilution of 1:100



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7147935 at dilution of 1:100