

Rabbit anti-Human, Rat CLASP1 Polyclonal Antibody | anti-CLASP1 antibody

Anti-CLASP1 Antibody Picoband

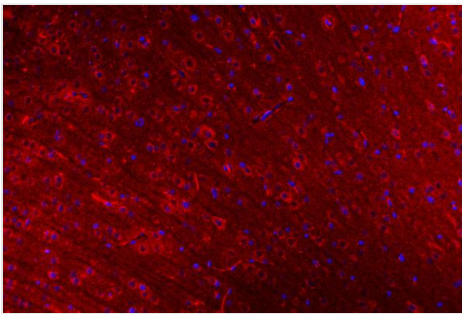
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19528	Rabbit	Human, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CLASP1; Polyclonal Antibody; Anti-CLASP1 Antibody Picoband; anti-CLASP1 antibody

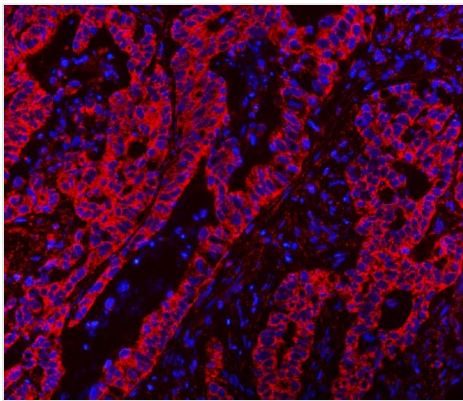
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-CLASP1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	WB: 0.25-0.5 ug/ml/ml, Human, Rat IHC-P: 2-5 ug/ml/ml, Human, Rat IF: 5 ug/ml, Human Direct ELISA: 0.1-0.5 ug/ml/ml, Human Tested Species: In-house tested species with positive results. Enhanced Chemiluminescent Kit with anti-Rabbit IgG for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit for IHC(P).
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human CLASP1 recombinant protein (Position: M1-D243).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



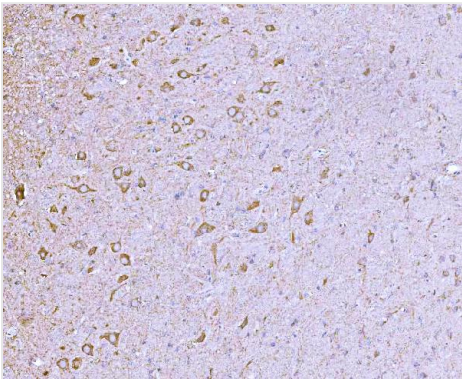
IF (Immunofluorescence)

Figure 8. IF analysis of CLASP1 using anti-CLASP1 antibody (AAA19528).CLASP1 was detected in a paraffin-embedded section of rat brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 5 ug/mL rabbit anti-CLASP1 Antibody (AAA19528) overnight at 4 degree C. DyLight550 Conjugated Goat Anti-Rabbit IgG (BA1135) was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



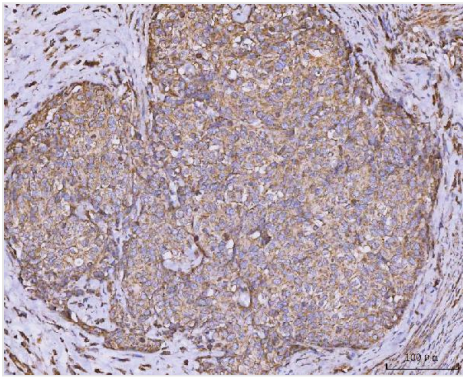
IF (Immunofluorescence)

Figure 7. IF analysis of CLASP1 using anti-CLASP1 antibody (AAA19528).CLASP1 was detected in a paraffin-embedded section of human colorectal adenocarcinoma tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 5 ug/mL rabbit anti-CLASP1 Antibody (AAA19528) overnight at 4 degree C. DyLight550 Conjugated Goat Anti-Rabbit IgG (BA1135) was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



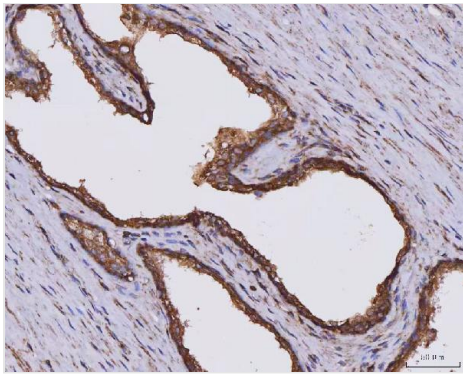
IHC (Immunohistochemistry)

Figure 6. IHC analysis of CLASP1 using anti-CLASP1 antibody (AAA19528).CLASP1 was detected in a paraffin-embedded section of rat brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-CLASP1 Antibody (AAA19528) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



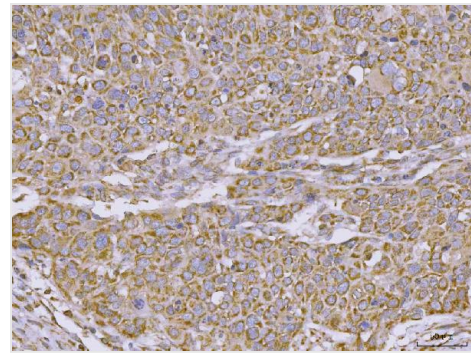
IHC (Immunohistochemistry)

Figure 5. IHC analysis of CLASP1 using anti-CLASP1 antibody (AAA19528).CLASP1 was detected in a paraffin-embedded section of human squamous cell carcinoma of cervix tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-CLASP1 Antibody (AAA19528) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 4. IHC analysis of CLASP1 using anti-CLASP1 antibody (AAA19528). CLASP1 was detected in a paraffin-embedded section of human prostate cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-CLASP1 Antibody (AAA19528) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 3. IHC analysis of CLASP1 using anti-CLASP1 antibody (AAA19528). CLASP1 was detected in a paraffin-embedded section of human esophageal squamous carcinoma tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-CLASP1 Antibody (AAA19528) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

ADDITIONAL INFORMATION

Related Product Information for anti-CLASP1 antibody	Cytoplasmic linker associated protein 1, also known as CLASP1, is a protein which in humans is encoded by the CLASP1 gene. CLASPs, such as CLASP1, are nonmotor microtubule-associated proteins that interact with CLIPs (e.g., CLIP170; MIM 179838). CLASP1 is involved in the regulation of microtubule dynamics at the kinetochore and throughout the spindle.
Product Categories/Family for anti-CLASP1 antibody	Primary Antibodies , Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	214010173
NCBI GeneID	23332
NCBI Accession #	NP_001135745.1
NCBI GenBank Nucleotide #	NM_001142273.1
UniProt Accession #	Q7Z460 ; O75118 ; Q2KHQ9 ; Q5H9P0 ; Q8N5B8 ; Q9BQT5
Molecular Weight	169,451 Da
NCBI Official Full Name	CLIP-associating protein 1 isoform 2
NCBI Official Synonym Full Names	cytoplasmic linker associated protein 1
NCBI Official Symbol	CLASP1
NCBI Official Synonym Symbols	MAST1
NCBI Protein Information	CLIP-associating protein 1; multiple asters 1; protein Orbit homolog 1; multiple asters homolog 1; cytoplasmic linker-associated protein 1
UniProt Protein Name	CLIP-associating protein 1
UniProt Gene Name	CLASP1
UniProt Synonym Gene Names	KIAA0622; MAST1; hOrbit1
UniProt Entry Name	CLAP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/clasp1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/19528>