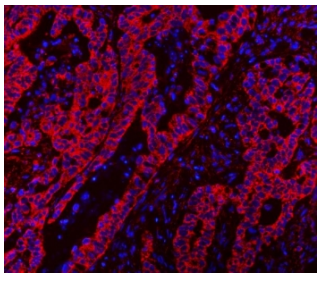
CLASP1 Antibody / CLIP-associating protein 1 (RQ7358)

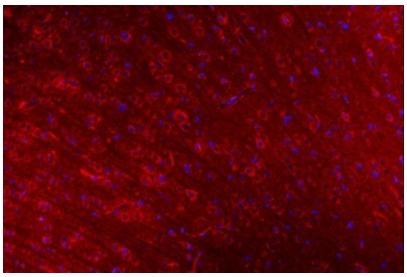
Catalog No.	Formulation	Size
RQ7358	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

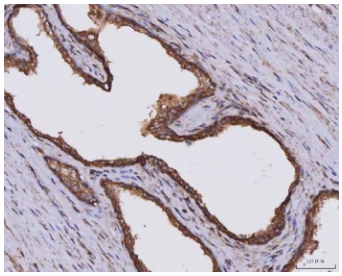
Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q7Z460
Localization	Cytoplasmic
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence: 5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This CLASP1 antibody is available for research use only.



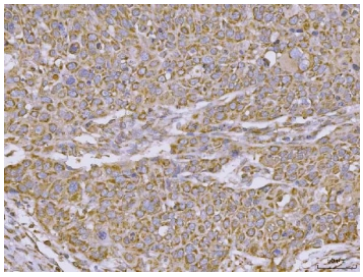
Immunofluorescent staining of FFPE human colorectal adenocarcinoma tissue with CLASP1 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



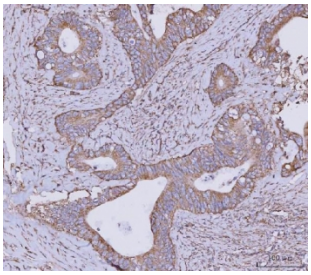
Immunofluorescent staining of FFPE rat brain tissue with CLASP1 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



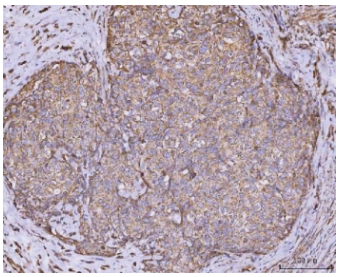
IHC staining of FFPE human prostate cancer tissue with CLASP1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



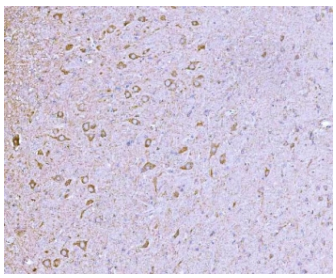
IHC staining of FFPE human esophageal squamous carcinoma tissue with CLASP1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



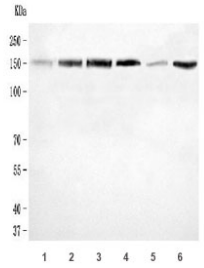
IHC staining of FFPE human colorectal adenocarcinoma tissue with CLASP1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE squamous cell carcinoma of human cervix tissue with CLASP1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat brain tissue with CLASP1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human U-87 MG, 2) human HeLa, 3) human HEL, 4) human K562, 5) rat brain and 6) rat C6 cell lysate with CLASP1 antibody. Expected molecular weight: 162-169 kDa (multiple isoforms).

Description

Cytoplasmic linker associated protein 1, also known as CLIP-associating protein 1 and 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). CLASP1 is involved in the regulation of microtubule dynamics at the kinetochore and throughout the spindle.

Application Notes

Optimal dilution of the CLASP1 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-D243) was used as the immunogen for the CLASP1 antibody.

Storage

After reconstitution, the CLASP1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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