

Allgemeine Informationen

Katalog-Nr.:

13713-1-AP

Größe:

150ul, Konzentration: 147 µg/ml
durch die Bradford-Methode mit BSA
als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG4651

GenBank-Zugangsnummer:

BC032563

GeneID (NCBI):

23332

Vollständiger Name:

cytoplasmic linker associated protein

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Berechnete Masse:

1538 aa, 169 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Anwendungen

Geprüfte Anwendungen:

ELISA

Getestete Reaktivität:

Human, Maus, Ratte

Hintergrundinformationen

CLASP1 and CLASP2 are homologous mammalian proteins, which associate with the ends of growing microtubules. In interphase cells CLASPs can attach microtubule plus ends to the cortex and stabilize them by repeatedly rescuing them from depolymerization. A truncated form of CLASP1 lacking the kinetochore binding domain behaves as a dominant negative, leading to the formation of radial arrays of microtubule bundles that are highly resistant to depolymerization. Microinjection of CLASP1-specific antibodies suppresses microtubule dynamics at kinetochores and throughout the spindle, resulting in the formation of monopolar asters with chromosomes buried in the interior. Therefore, CLASP1 is required at kinetochores for attached microtubules to exhibit normal dynamic behavior.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:

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