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Datasheet for ABIN1401466

anti-CSPP1 antibody (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	CSPP1 (Cspp1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSPP1 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CSPP1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	CSPP1 (Cspp1)
Alternative Name:	CSPP1 (Cspp1 Products)
Background:	<p>Synonyms: Centrosome and spindle pole associated protein 1, CSPP 1, CSPP, FLJ22490, FLJ38886, CSPP1_HUMAN.</p> <p>Background: Centrosomes are dynamic organelles involved in many aspects of cell function and growth. Centrosomes act as microtubule organizing centers, and provide a site for</p>

Target Details

concerted regulation of cell cycle progression. Duplication of centrosomes occurs once during each cell cycle and requires proper mitotic spindle formation and chromosome segregation. Defects in centrosome duplication or function are linked to many human diseases, including various forms of cancer. The centrosome and spindle pole-associated protein 1 (CSPP1) interacts with centrosomes and microtubules and may play a role in the regulation of G(1)/S-phase progression and spindle assembly. Two isoforms of CSPP1 exist as a result of alternative splicing events. Isoform 1 expression increases throughout the cell cycle and peaks in G2/M phase, whereas isoform 2 expression is highest in G1 phase and decreases thereafter.

Gene ID: 79848

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months