

CCDC5 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58546

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q96CS2
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31863

Additional Information

Gene ID	115106
Other Names	HAUS augmin-like complex subunit 1, Coiled-coil domain-containing protein 5, Enhancer of invasion-cluster, HEI-C, HAUS1, CCDC5, HEIC
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	HAUS1
Synonyms	CCDC5, HEIC
Function	Contributes to mitotic spindle assembly, maintenance of centrosome integrity and completion of cytokinesis as part of the HAUS augmin-like complex.
Cellular Location	Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Cytoplasm, cytoskeleton, spindle pole Note=Localizes with the spindle poles in mitotic cells. In metaphase, localizes to the mitotic asters and is highly punctate on the microtubule array. During later stages of mitosis, remains on the spindle but is not present at the interzone, and is finally observed at the microtubule bundles proximal to the midbody, clearly excluded from the midbody. In contrast, does not colocalize with the tubulin cytoskeleton in interphase cells. In interphase, localized at the centrosome and diffusely in the cytoplasm. Localizes to mitotic spindle microtubules.

Tissue Location	Widely expressed. Expressed in pancreas, kidney, skeletal muscle, liver and heart. Weakly expressed in lung, brain and placenta.
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