

CE164 Antibody (N-term)

Catalog_no :	AB0859
Applications :	WB, FC
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:246-274
Specificity :	This CE164 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 246-274 amino acids from the N-terminal region of human CE164.
Dilution :	WB,1:1000;FC,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Centrosomal protein of 164 kDa, Cep164, CEP164, KIAA1052, NPHP15
Isotype :	Rabbit Ig
Background :	Plays a role in microtubule organization and/or maintenance for the formation of primary cilia (PC), a microtubule-based structure that protrudes from the surface of epithelial cells. Plays a critical role in G2/M checkpoint and nuclear divisions. A key player in the DNA damage-activated ATR/ATM signaling cascade since it is required for the proper phosphorylation of H2AX, RPA,CHK2 and CHK1. Plays a critical role in chromosome segregation, acting as a mediator required for the maintenance of genomic stability through modulation of MDC1, RPA and CHK1.
reference :	Pan, Y.R., et al. Cell Cycle 8(4):655-664(2009) Sivasubramaniam, S., et al. Genes Dev. 22(5):587-600(2008) Graser, S., et al. J. Cell Biol. 179(2):321-330(2007) Petretti, C., et al. EMBO Rep. 7(4):418-424(2006) Zick, A., et al. Nucleic Acids Res. 33(