Product name:	CEP350 Rabbit Polyclonal Antibody
Cat number:	ABN08663
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human CEP35. AA range:671-720
Reactivity:	Human,Rat,Mouse
Applications:	IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	centrosomal protein 350(CEP350) Homo sapiens The product of this gene is a large protein with a CAP-Gly domain typically found in cytoskeleton-associated proteins. The encoded protein primarily localizes to the centrosome, a non-membraneous organelle that functions as the major microtubule-organizing center in animal cells. The encoded protein directly interacts with another large centrosomal protein and is required to anchor microtubules at the centrosome. It is also implicated in the regulation of a class of nuclear hormone receptors in the nucleus. Several alternatively spliced transcript variants have been found, but their full-length nature has not been determined. [provided by RefSeq, Jul 2008],function:Required for anchoring microtubules to the centrosomes. Required for the integrity of the microtubule network. Recruits PPARA to discrete subcellular compartments and thereby modulates PPARA activity.,PTM:Phosphorylated during mitosis.,similarity:Contains 1 CAP-Gly domain.,subcellular location:Associated with mitotic spindles. Nuclear, in discrete foci. Associated with intermediate filaments.,subunit:Part of a ternary complex that contains CEP350, FGFR1OP and MAPRE1. Interacts directly with FGFR1OP via its C-terminus. Interacts with NR1H3, PPARA, PPARD and PPARG.,tissue specificity:Detected in heart, brain, skeletal muscle, testis, placenta, lung, liver, kidney and pancreas.,