CEP152 antibody

Product Information

Catalog No.:	FNab01597
Size:	100μg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20℃ for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Necessary for centrosome duplication; the function seems also to involve CEP63, CDK5RAP2 and WDR62 through a stepwise assembled complex at the centrosome that recruits CDK2 required for centriole duplication(PubMed:26297806). Acts as a molecular scaffold facilitating the interaction of PLK4 and CENPJ, 2 molecules involved in centriole formation(PubMed:21059844, PubMed:20852615). Proposed to snatch PLK4 away from PLK4:CEP92 complexes in early G1 daughter centriole and to reposition PLK4 at the outer boundary of a newly forming CEP152 ring structure(PubMed:24997597). Also plays a key role in deuterosome-mediated centriole amplification in multiciliated that can generate more than 100 centrioles(By similarity). Overexpression of CEP152 can drive amplification of centrioles(PubMed:20852615).

Immunogen information

Immunogen:	centrosomal protein 152kDa
Synonyms:	Centrosomal protein of 152 kDa (Cep152)|CEP152|KIAA0912
Observed MW:	110 kDa
Uniprot ID :	O94986

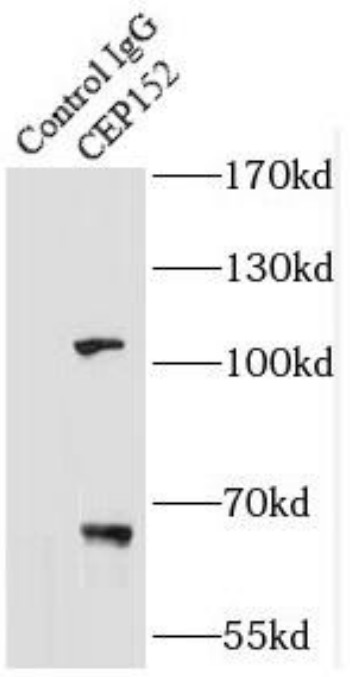
Application

Reactivity:	Human, Mouse

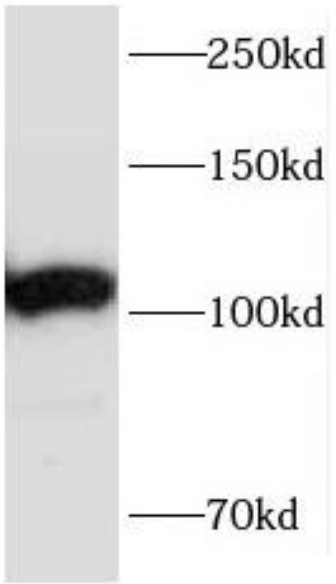
Tested Application: ELISA, IP, WB

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000

Image:



IP Result of anti-CEP152 (IP:FNab01597, 3ug; Detection:FNab01597 1:500) with mouse brain tissue lysate 9500ug.



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab01597(CEP152 Antibody) at dilution of 1:300