

PRC1 antibody

Product Information

Catalog No.:	FNab06749
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°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

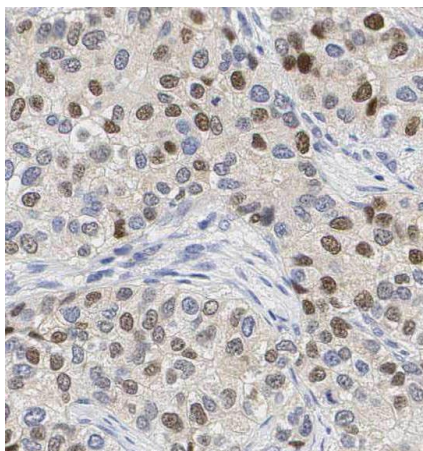
Key regulator of cytokinesis that cross-links antiparrallel microtubules at an average distance of 35 nM. Essential for controlling the spatiotemporal formation of the midzone and successful cytokinesis. Required for KIF14 localization to the central spindle and midbody. Required to recruit PLK1 to the spindle. Stimulates PLK1 phosphorylation of RACGAP1 to allow recruitment of ECT2 to the central spindle. Acts as an oncogene for promoting bladder cancer cells proliferation, apoptosis inhibition and carcinogenic progression(PubMed:17409436).

Immunogen information

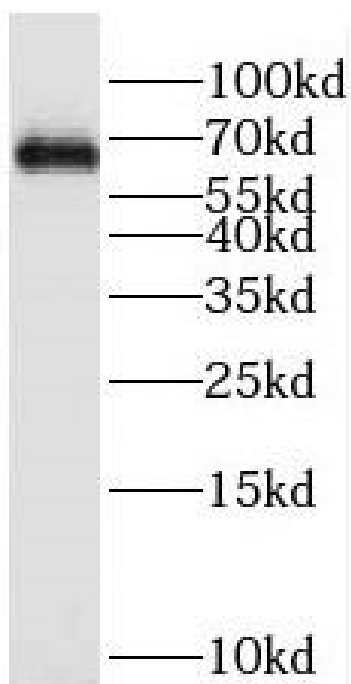
Immunogen:	protein regulator of cytokinesis 1
Synonyms:	Protein regulator of cytokinesis 1 PRC1
Observed MW:	66 kDa
Uniprot ID :	O43663

Application

Reactivity:	Human
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:20-1:200
Image:	



Immunohistochemistry of paraffin-embedded human breast cancer using FNab06749(PRC1 antibody) at dilution of 1:50



HEK-293T cells were subjected to SDS PAGE followed by western blot with FNab06749(PRC1 Antibody) at dilution of 1:600