

anti- CDK5RAP3 antibody

Product Information

Catalog No.:	FNab01560
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

Probable tumor suppressor initially identified as a CDK5R1 interactor controlling cell proliferation(PubMed:12054757, PubMed:12737517). Negatively regulates NF-kappa-B-mediated gene transcription through the control of RELA phosphorylation(PubMed:17785205, PubMed:20228063). Also regulates mitotic G2/M transition checkpoint and mitotic G2 DNA damage checkpoint(PubMed:15790566, PubMed:19223857). Through its interaction with CDKN2A/ARF and MDM2 may induce MDM2-dependent p53/TP53 ubiquitination, stabilization and activation in the nucleus, thereby promoting G1 cell cycle arrest and inhibition of cell proliferation(PubMed:16173922). May play a role in the unfolded protein response, mediating the ufmylation of multiple proteins in response to endoplasmic reticulum stress(PubMed:23152784). May also play a role in the rupture of the nuclear envelope during apoptosis(PubMed:23478299). May regulate MAPK14 activity by regulating its dephosphorylation by PPM1D/WIP1(PubMed:21283629). (Microbial infection) May be negatively regulated by hepatitis B virus large envelope protein mutant pre-s2 to promote mitotic entry.

Immunogen information

Immunogen:	CDK5 regulatory subunit associated protein 3
Synonyms:	IC53,

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Observed MW: 65 kDa
UniprotID : Q96JB5

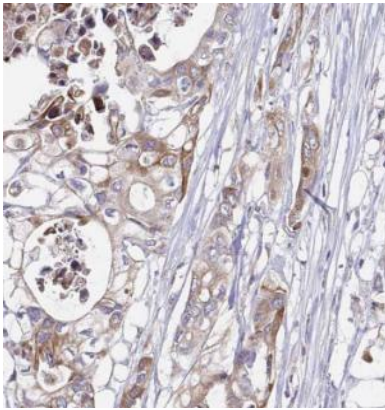
Application

Reactivity: Human, Mouse, Rat

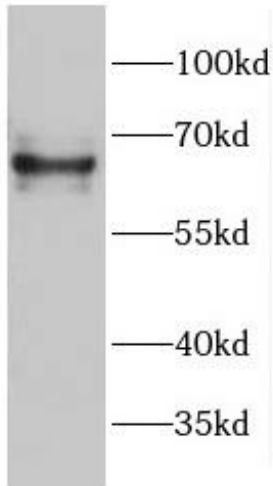
Tested Application: ELISA, WB, IHC, IF, FC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human pancreas cancer using FNab01560(CDK5RAP3 antibody) at dilution of 1:100



HeLa cells were subjected to SDS PAGE followed by western blot with FNab01560(CDK5RAP3 antibody) at dilution of 1:2000

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