

## anti- PICK1 antibody

### Product Information

Catalog No.:	FNab06434
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 adapter protein that bind to and organize the subcellular localization of a variety of membrane proteins containing some PDZ recognition sequence. Involved in the clustering of various receptors, possibly by acting at the receptor internalization level. Plays a role in synaptic plasticity by regulating the trafficking and internalization of AMPA receptors. May be regulated upon PRKCA activation. May regulate ASIC1/ASIC3 channel. Regulates actin polymerization by inhibiting the actin-nucleating activity of the Arp2/3 complex; the function is competitive with nucleation promoting factors and is linked to neuronal morphology regulation and AMPA receptor (AMPA) endocytosis. Via interaction with the Arp2/3 complex involved in regulation of synaptic plasticity of excitatory synapses and required for spine shrinkage during long-term depression (LTD). Involved in regulation of astrocyte morphology, antagonistic to Arp2/3 complex activator WASL/N-WASP function.

### Immunogen information

Immunogen:	protein interacting with PRKCA 1
Synonyms:	PRKCABP
Observed MW:	50-55 kDa
UniprotID :	Q9NRD5

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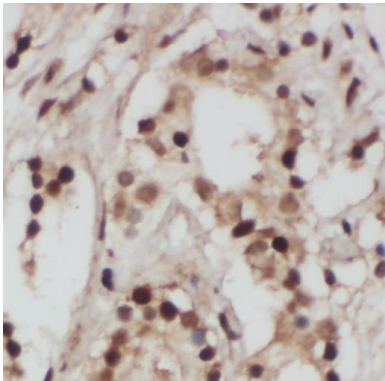
## Application

Reactivity: Human, Mouse, Rat

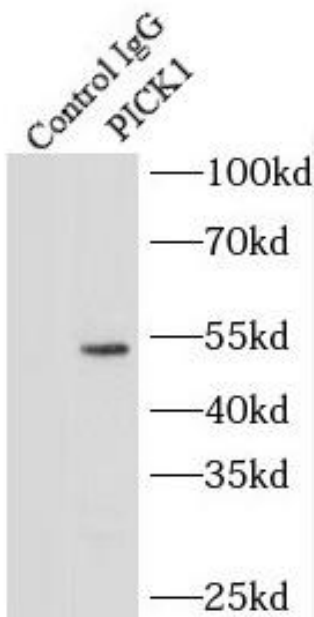
Tested Application: ELISA, IHC, WB, IP, IF

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human prostate cancer using FNab06434(PICK1 antibody) at dilution of 1:50



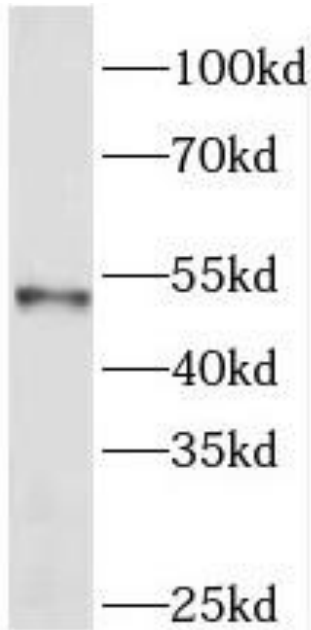
IP Result of anti-PICK1 (IP:FNab06434, 4ug; Detection:FNab06434 1:500) with mouse brain tissue lysate 4400ug.

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mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab06434(PICK1 antibody) at dilution of 1:500