

PRKACB antibody

Product Information

Catalog No.:	FNab06778
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

Mediates cAMP-dependent signaling triggered by receptor binding to GPCRs. PKA activation regulates diverse cellular processes such as cell proliferation, the cell cycle, differentiation and regulation of microtubule dynamics, chromatin condensation and decondensation, nuclear envelope disassembly and reassembly, as well as regulation of intracellular transport mechanisms and ion flux. Regulates the abundance of compartmentalized pools of its regulatory subunits through phosphorylation of PJA2 which binds and ubiquitinates these subunits, leading to their subsequent proteolysis.

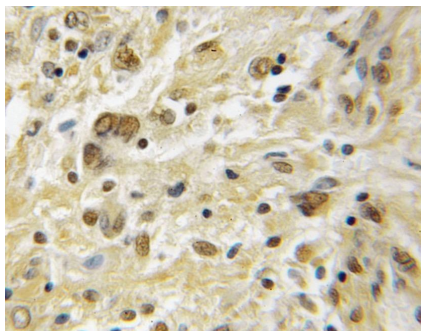
Immunogen information

Immunogen:	protein kinase, cAMP-dependent, catalytic, beta
Synonyms:	cAMP-dependent protein kinase catalytic subunit beta (PKA C-beta) PRKACB
Observed MW:	46-55 kDa
Uniprot ID :	P22694

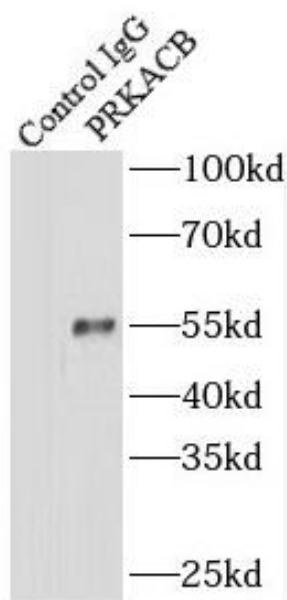
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF, IP
Recommended dilution:	WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200; IF: 1:20-1:200

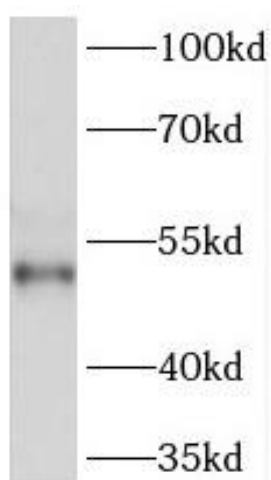
Image:



Immunohistochemistry of paraffin-embedded human medulloblastoma using FNab06778 (PRKACB antibody) at dilution of 1:50



IP Result of anti-PRKACB (IP:FNab06778, 4ug; Detection:FNab06778 1:500) with mouse brain tissue lysate 2640ug.



HT-1080 cells were subjected to SDS PAGE followed by western blot with FNab06778 (PRKACB antibody) at dilution of 1:1000