

## anti- HINT1 antibody

### Product Information

Catalog No.:	FNab03866
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

Hydrolyzes purine nucleotide phosphoramidates with a single phosphate group, including adenosine 5'monophosphoramidate(AMP-NH<sub>2</sub>), adenosine 5'monophosphomorpholidate(AMP-morpholidate) and guanosine 5'monophosphomorpholidate(GMP-morpholidate). Hydrolyzes lysyl-AMP(AMP-N-epsilon-(N-alpha-acetyl lysine methyl ester)) generated by lysine tRNA ligase, as well as Met-AMP, His-AMP and Asp-AMP, lysyl-GMP(GMP-N-epsilon-(N-alpha-acetyl lysine methyl ester)) and AMP-N-alanine methyl ester. Can also convert adenosine 5'-O-phosphorothioate and guanosine 5'-O-phosphorothioate to the corresponding nucleoside 5'-O-phosphates with concomitant release of hydrogen sulfide. In addition, functions as scaffolding protein that modulates transcriptional activation by the LEF1/TCF1-CTNNB1 complex and by the complex formed with MITF and CTNNB1. Modulates p53/TP53 levels and p53/TP53-mediated apoptosis. Modulates proteasomal degradation of target proteins by the SCF(SKIP2-CUL1-F-box protein) E3 ubiquitin-protein ligase complex.

### Immunogen information

Immunogen:	histidine triad nucleotide binding protein 1
Synonyms:	HINT, PKCI1, PRKCNH1
Observed MW:	14 kDa
UniprotID :	P49773

### Wuhan Fine Biotech Co., Ltd.

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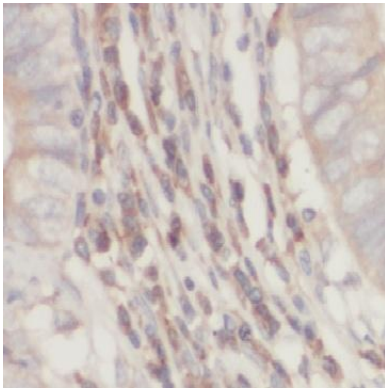
## Application

Reactivity: Human, Mouse, Rat

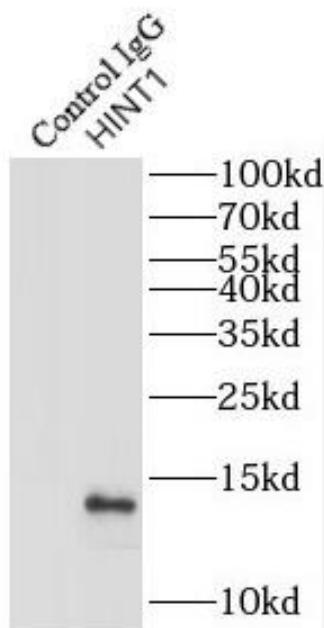
Tested Application: ELISA, WB, IHC, IP

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

Image:



Immunohistochemistry of paraffin-embedded human colon cancer tissue slide using FNab03866(HINT1 Antibody) at dilution of 1:400 heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



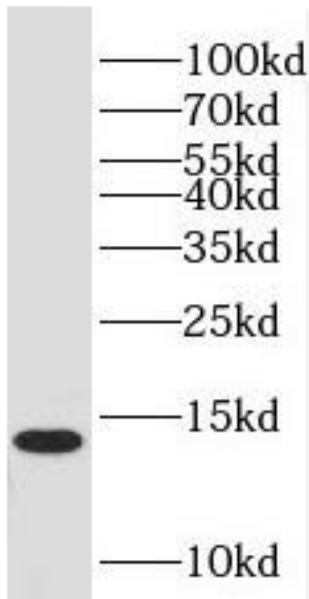
IP Result of anti-HINT1 (IP:FNab03866, 3ug; Detection:FNab03866 1:500) with mouse brain tissue lysate 7500ug.

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HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab03866(HINT1 antibody) at dilution of 1:400