

## anti- AKT antibody

### Product Information

Catalog No.:	FNab00271
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	8H0
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

The serine-threonine protein kinase AKT1 is catalytically inactive in serum-starved primary and immortalized fibroblasts. Survival factors can suppress apoptosis in a transcription-independent manner by activating the serine/threonine kinase AKT1, which then phosphorylates and inactivates components of the apoptotic machinery. This antibody detects all the members of AKT with/without phospho-modification.

### Immunogen information

Immunogen:	v-akt murine thymoma viral oncogene homolog 1
Synonyms:	AKT, AKT1, AKT2, AKT3, PKB, PKB ALPHA, PRKBA, Protein kinase B, Proto oncogene c Akt, RAC, RAC ALPHA, RAC PK alpha
Observed MW:	56-62 kDa
Uniprot ID :	P31749

### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF, IP
Recommended dilution:	WB: 1:1000-1:10000; IP: 1:500-1:5000; IHC: 1:100-1:400; IF: 1:10-1:100

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### Wuhan Fine Biotech Co., Ltd.

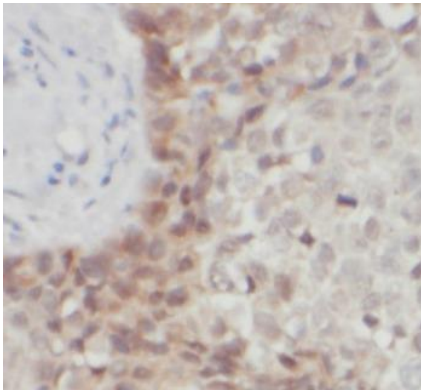
B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

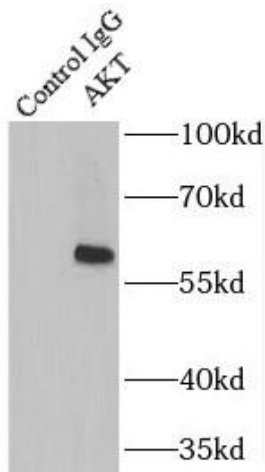
Fax: (0086)027-87800889

[www.fn-test.com](http://www.fn-test.com)

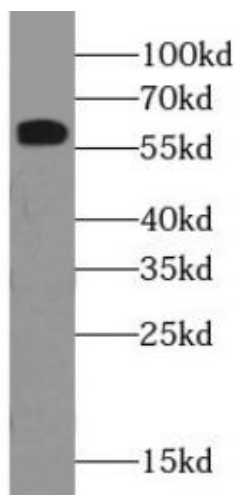
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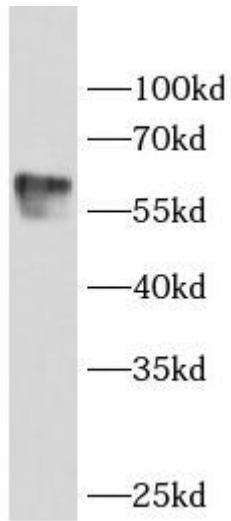
Immunohistochemistry of paraffin-embedded human breast cancer using FNab00271(AKT antibody) at dilution of 1:200



IP Result of anti-AKT1 (IP:FNab00271, 3ug; Detection:FNab00271 1:500) with HeLa cells lysate 2500ug.



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab00271(AKT Antibody) at dilution of 1:2000



Mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab00271(AKT Antibody) at dilution of 1:1000