

## anti- XRCC4 antibody

### Product Information

Catalog No.:	FNab09554
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

The protein encoded by this gene functions together with DNA ligase IV and the DNA-dependent protein kinase in the repair of DNA double-strand breaks. This protein plays a role in both non-homologous end joining and the completion of V(D)J recombination. Mutations in this gene can cause short stature, microcephaly, and endocrine dysfunction (SSMED). Alternative splicing generates several transcript variants.

### Immunogen information

Immunogen:	X-ray repair complementing defective repair in Chinese hamster cells 4
Synonyms:	DNA repair protein XRCC4, XRCC4
Observed MW:	45 kDa
UniprotID :	Q13426

### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:10 - 1:100

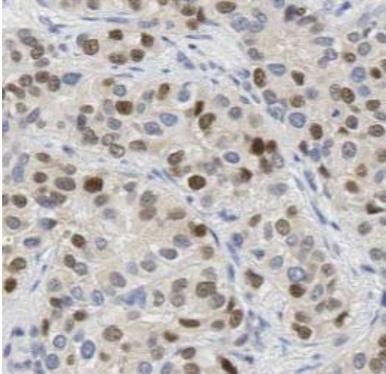
### Wuhan Fine Biotech Co., Ltd.

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

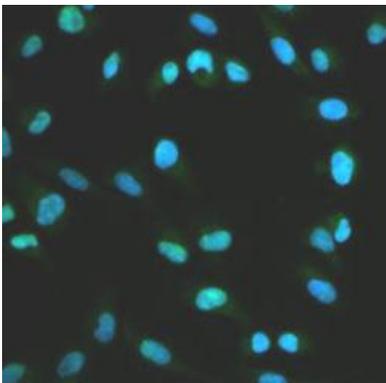
Tel : (0086)027-87384275

Fax: (0086)027-87800889 [www.fn-test.com](http://www.fn-test.com)

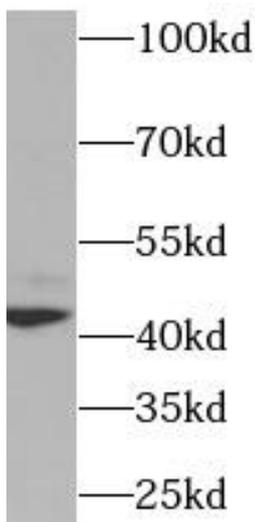
Image:



Immunohistochemistry of paraffin-embedded human breast cancer using FNab09554(XRCC4 antibody) at dilution of 1:100



Immunofluorescence analysis of U2OS cells using FNab09554(XRCC4 antibody) at dilution of 1:100. Blue: DAPI for nuclear staining.



K-562 cells were subjected to SDS PAGE followed by western blot with FNab09554(XRCC4 antibody) at dilution of 1:1000

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