

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.

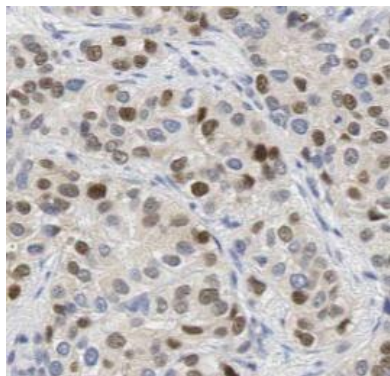
Immunogen information

Immunogen:	X-ray repair complementing defective repair in Chinese hamster cells 4
Synonyms:	DNA repair protein XRCC4 (hXRCC4) X-ray repair cross-complementing protein 4 Protein XRCC4, C-terminus (XRCC4/C) XRCC4
Observed MW:	45 kDa
Uniprot ID :	Q13426

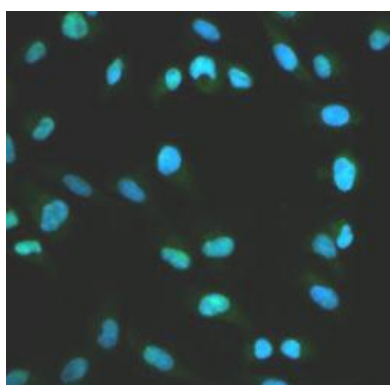
Application

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

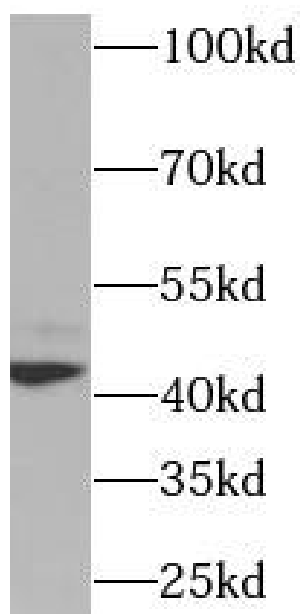
Image:



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