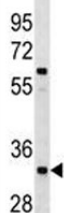


## XRCC4 Antibody (F46899)

Catalog No.	Formulation	Size
F46899-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F46899-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q13426
<b>Localization</b>	Nuclear
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This XRCC4 antibody is available for research use only.



95  
72  
55  
36  
28

XRCC4 antibody western blot analysis in A549 lysate. Predicted molecular weight: 35-38/55 kDa (unmodified/phosphorylated).

## Description

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 break by non-homologous end joining and the completion of V(D)J recombination events. The non-homologous end-joining pathway is required both for normal development and for suppression of tumors. This gene functionally complements XR-1 Chinese hamster ovary cell mutant, which is impaired in DNA double-strand breaks produced by ionizing radiation and restriction enzymes. Alternative transcription initiation and alternative splicing

generates several transcript variants. [provided by RefSeq].

## Application Notes

Titration of the XRCC4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 205-234 from the human protein was used as the immunogen for this XRCC4 antibody.

## Storage

Aliquot the XRCC4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

## References (1)