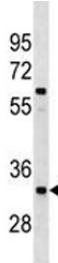


XRCC4 Antibody (F46899)

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

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



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)