

Anti-DNA repair protein XRCC4 XRCC4 Antibody

Catalog Number: A00787

About XRCC4

Couples tyrosine kinase signals with the activation of the Rho/Rac GTPases, thus leading to cell differentiation and/or proliferation.

Ana V. Miletic, J. Biol. Chem., Dec 2006; 281: 38257 - 38265.

Christopher C. Stebbins, Mol. Cell. Biol., Sep 2003; 23: 6291 - 6299.

Vered Schapira, Cancer Res., Jun 2006; 66: 6183 - 6191.

Maya Groysman, J. Biol. Chem., Dec 2002; 277: 50121 - 50130.

Overview

Product Name	Anti-DNA repair protein XRCC4 XRCC4 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-DNA repair protein XRCC4 XRCC4 Antibody catalog # A00787. Tested in WB applications. This antibody reacts with Human, Mouse.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q13426

Technical Details

Immunogen	Synthesized peptide derived from human ERbeta around the phosphorylation site of S87.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

	specific immunogen and the purity is > 95% (by SDS-PAGE).
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:500-1:1000</p>

Anti-DNA repair protein XRCC4 XRCC4 Antibody (A00787) Images

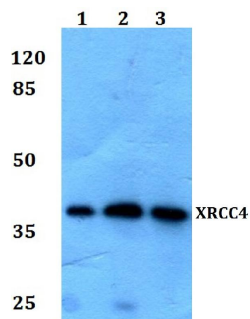


Figure 1. Western blotting validation for Anti-DNA repair protein XRCC4 XRCC4 Antibody A00787

Western blot (WB) analysis of XRCC4 polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate

Lane2:HEK293T whole cell lysate

Lane3:NIH-3T3 whole cell lysate

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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