

## Anti-ATP-dependent DNA helicase Q4 RECQL4 Antibody

Catalog Number: A03130

### About RECQL4

This enzyme metabolizes arachidonic acid predominantly via a NADPH-dependent olefin epoxidation to all four regioisomeric cis-epoxyeicosatrienoic acids. One of the predominant enzymes responsible for the epoxidation of endogenous cardiac arachidonic acid pools.

Wu S., J. Biol. Chem. 271:3460-3468(1996).

King L.M., Mol. Pharmacol. 61:840-852(2002).

The MGC Project Team, Genome Res. 14:2121-2127(2004).

### Overview

Product Name	Anti-ATP-dependent DNA helicase Q4 RECQL4 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ATP-dependent DNA helicase Q4 RECQL4 Antibody catalog # A03130. Tested in WB applications. This antibody reacts with Human,Mouse,Rat.
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	O94761

### Technical Details

Immunogen	Synthesized peptide derived from human FANCG around the phosphorylation site of S383.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
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**

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:1000

## Anti-ATP-dependent DNA helicase Q4 RECQL4 Antibody (A03130) Images

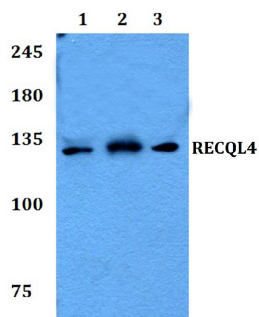


Figure 1. Western blotting validation for Anti-ATP-dependent DNA helicase Q4 RECQL4 Antibody A03130

Western blot (WB) analysis of RECQL4 polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate

Lane2:NIH-3T3 whole cell lysate

Lane3:Rat brain tissue lysate

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

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