

Datasheet for ABIN926757  
**anti-SURF1 antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	SURF1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SURF1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	SURF1 antibody was raised in rabbit using the N terminal of SURF1 as the immunogen
Purification:	Purified

## Target Details

Target:	SURF1
Alternative Name:	SURF1 ( <a href="#">SURF1 Products</a> )
Background:	<p>This gene encodes a protein localized to the inner mitochondrial membrane and thought to be involved in the biogenesis of the cytochrome c oxidase complex. The protein is a member of the SURF1 family, which includes the related yeast protein SHY1 and rickettsial protein RP733. The gene is located in the surfeit gene cluster, a group of very tightly linked genes that do not share sequence similarity, where it shares a bidirectional promoter with SURF2 on the opposite</p>

## Target Details

strand. Defects in this gene are a cause of Leigh syndrome, a severe neurological disorder that is commonly associated with systemic cytochrome c oxidase deficiency. Synonyms: Polyclonal SURF1 antibody, Anti-SURF1 antibody, surfeit 1 antibody.

Pathways: [Proton Transport](#), [Ribonucleoside Biosynthetic Process](#)

## Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Comment: SURF1 Blocking Peptide, catalog no. 33R-3415, is also available for use as a blocking control in assays to test for specificity of this SURF1 antibody

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: Lot specific

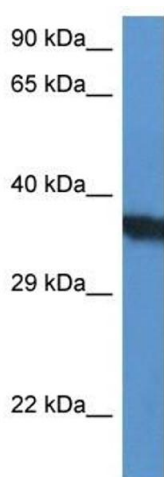
Buffer: Lyophilized powder. Add 50  $\mu$ L of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

## Images



### Western Blotting

**Image 1.** Western Blot showing SURF1 antibody used at a concentration of 1 ug/ml against HepG2 Cell Lysate