

Product datasheet

Anti-FOXRED1 antibody ab102990

1 Image

Overview

<b>Product name</b>	Anti-FOXRED1 antibody
<b>Description</b>	Rabbit polyclonal to FOXRED1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide conjugated to KLH, corresponding to a region within C terminal amino acids 355-384 of Human FOXRED1
<b>Positive control</b>	NCI-H460 cell line

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab102990** in the following tested applications.

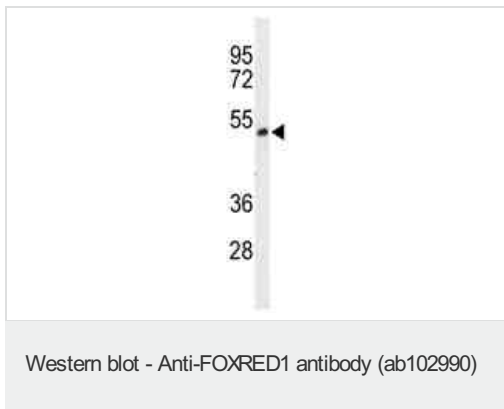
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100 - 1/500. Predicted molecular weight: 54 kDa.

Target

<b>Function</b>	Required for the assembly of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) (PubMed:20858599, PubMed:25678554). Involved in mid-late stages of complex I assembly (PubMed:25678554).
<b>Involvement in disease</b>	Mitochondrial complex I deficiency
<b>Cellular localization</b>	Mitochondrion inner membrane. According to a report, it is associated with the matrix face of the mitochondrial inner membrane and does not contain any transmembrane region. However, one transmembrane domain is clearly predicted by different methods (Probable).

## Images



Anti-FOXRED1 antibody (ab102990) at 1/100 dilution + NCI-H460 cell lysate at 35 µg

**Predicted band size:** 54 kDa

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