

## Product datasheet

# Anti-POLR2F antibody [2780C3α] ab51362

[1 Image](#)

### Overview

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<b>Product name</b>	Anti-POLR2F antibody [2780C3α]
<b>Description</b>	Mouse monoclonal [2780C3α] to POLR2F
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Immunogen</b>	Recombinant fragment (Human)
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 1% BSA, PBS
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	Filtered through a 0.22 µm membrane.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	2780C3α
<b>Isotype</b>	IgG1

### Applications

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**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab51362 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		Use at an assay dependent concentration. Predicted molecular weight: 14 kDa.

## Target

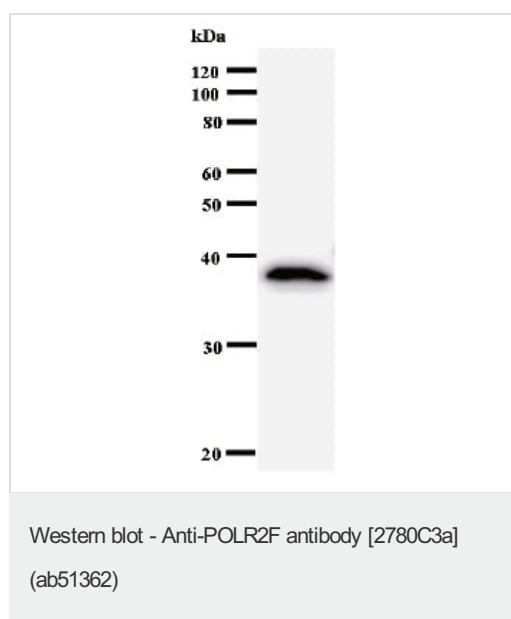
### Relevance

POLR2F belongs to the archaeal rpoK/eukaryotic RPB6 RNA polymerase subunit family and is the sixth largest subunit of RNA polymerase II. This polymerase, along with two other DNA-directed RNA polymerases, is responsible for synthesizing messenger RNA in eukaryotes. Three distinct zinc-containing RNA polymerases are found in eukaryotic nuclei: polymerase I for the ribosomal RNA precursor, polymerase II for the mRNA precursor, and polymerase III for 5S and tRNA genes. Each class of RNA polymerase is assembled from 9 to 15 different polypeptides. In yeast, this polymerase subunit, in combination with at least two other subunits, forms a structure that stabilizes the transcribing polymerase on the DNA template.

### Cellular localization

Nuclear

## Images



Anti-POLR2F antibody [2780C3a] (ab51362) + immunizing peptide

**Predicted band size:** 14 kDa

**Observed band size:** 38 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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