

Product datasheet

Anti-POLR2F antibody [2780C3α] ab51362

[1 Image](#)

Overview

Product name	Anti-POLR2F antibody [2780C3α]
Description	Mouse monoclonal [2780C3α] to POLR2F
Host species	Mouse
Tested applications	Suitable for: WB
Immunogen	Recombinant fragment (Human)
General notes	<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&As</p>

Properties

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

Applications

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

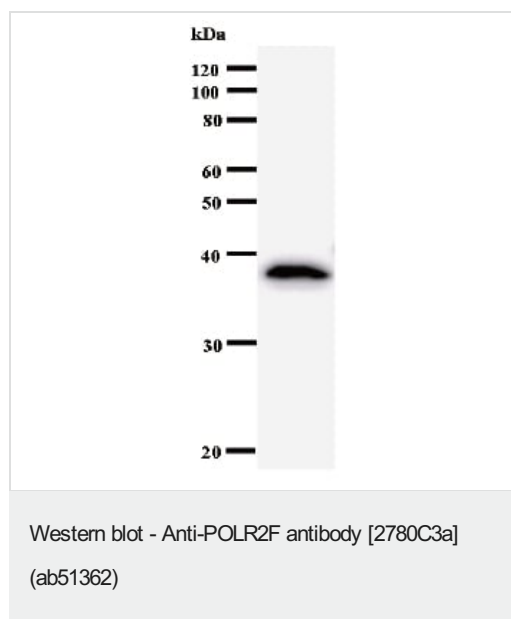
Relevance

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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