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Datasheet for ABIN3015607  
**anti-POLR2J antibody (AA 1-117)**

5 Images

Overview

Quantity:	100 µL
Target:	POLR2J
Binding Specificity:	AA 1-117
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLR2J antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-117 of human POLR2J (NP_006225.1).
Sequence:	MNAPPAFESF LLFEGEKKIT INKDTKVPNA CLFTINKEDH TLGNIKSQL LKDPQVLFAG YKVPHPLEHK IIRVQTTTPD YSPQEFTNA ITDLISELSL LEERFRVAIK DKQEGIE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	POLR2J
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## Target Details

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Alternative Name: POLR2J ([POLR2J Products](#))

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Background: This gene encodes a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene exists as a heterodimer with another polymerase subunit, together they form a core subassembly unit of the polymerase. Two similar genes are located nearby on chromosome 7q22.1 and a pseudogene is found on chromosome 7p13.,POLR2J,POLR2J1,RPB11,RPB11A,RPB11m,hRPB14,Epigenetics & Nuclear Signaling,Neuroscience,Neurodegenerative Diseases,POLR2J

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Molecular Weight: 13 kDa

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Gene ID: 5439

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UniProt: [P52435](#)

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Pathways: [Regulatory RNA Pathways](#)

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## Application Details

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Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

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Restrictions: For Research Use only

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## Handling

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Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

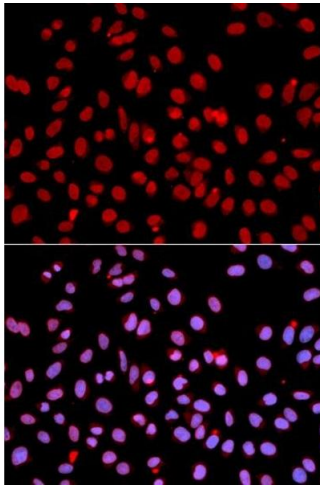
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Storage: -20 °C

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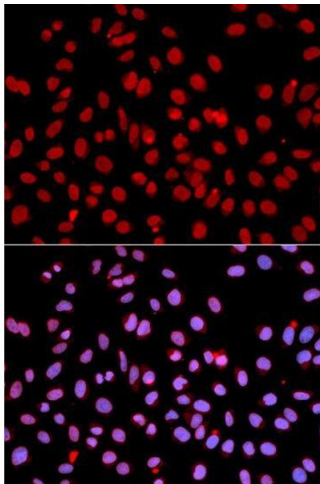
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

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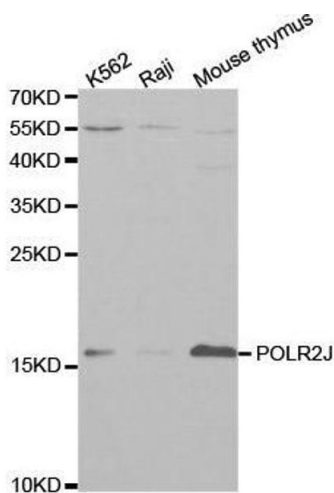
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cells using POLR2J antibody (ABIN3015606, ABIN3015607, ABIN3015608 and ABIN6218969). Blue: DAPI for nuclear staining.



### Immunofluorescence

**Image 2.** Immunofluorescence analysis of U2OS cell using POLR2J antibody. Blue: DAPI for nuclear staining.



### Western Blotting

**Image 3.** Western blot analysis of extracts of various cell lines, using POLR2J antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3015607.