

Datasheet for ABIN2856640
anti-POLR2G antibody (full length)

3 Images

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Overview

Quantity:	100 µL
Target:	POLR2G
Binding Specificity:	full length
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLR2G antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Full length human POLR2G Recombinant protein.
Isotype:	IgG
Cross-Reactivity:	Cow (Bovine), Rat (Rattus), Rhesus Monkey
Cross-Reactivity (Details):	Rat (100 %), Rhesus Monkey (100 %), Bovine (100 %)
Characteristics:	Rabbit polyclonal antibody to POLR2G (polymerase (RNA) II (DNA directed) polypeptide G) POLR2G antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	POLR2G
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Target Details

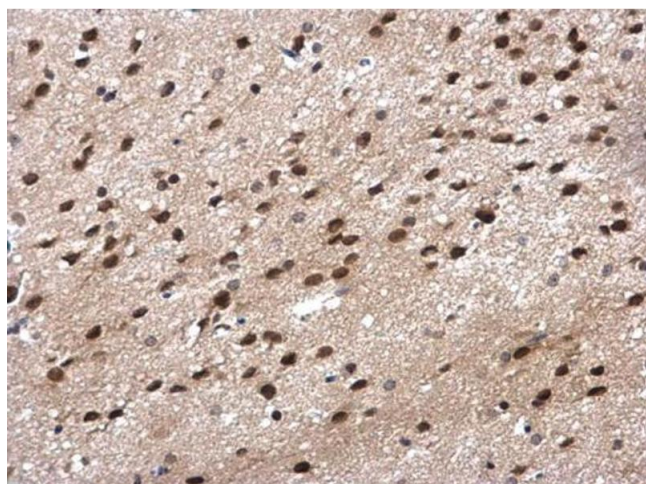
Alternative Name:	POLR2G (POLR2G Products)
Background:	<p>This gene encodes the seventh largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The protein functions in transcription initiation, and is also thought to help stabilize transcribing polymerase molecules during elongation.</p> <p>Cellular Localization: Nucleus</p>
Molecular Weight:	19 kDa
Gene ID:	5436
Pathways:	Regulatory RNA Pathways

Application Details

Application Notes:	<p>Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher. Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000*</p>
Comment:	Positive Control: 293T , A431 , H1299 , HeLa , HepG2 , Molt-4 , Raji
Restrictions:	For Research Use only

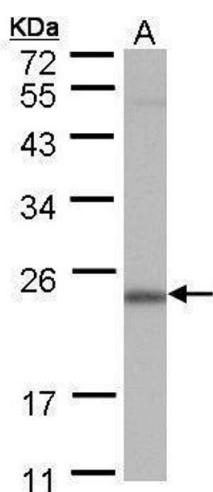
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



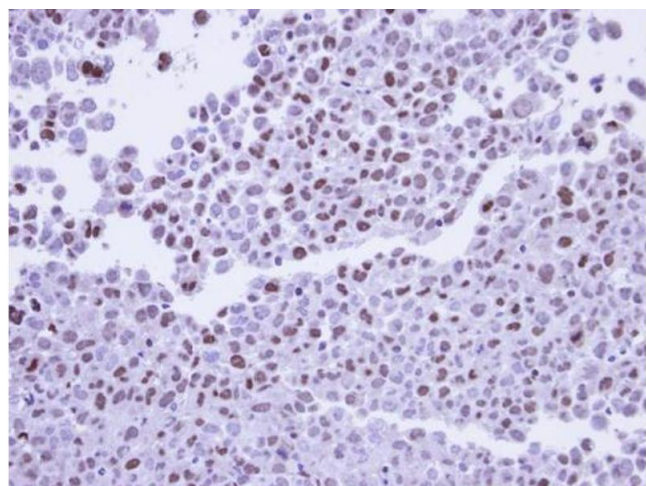
Immunohistochemistry

Image 1. IHC-P Image POLR2G antibody detects POLR2G protein at nucleus in mouse brain by immunohistochemical analysis. Sample: Paraffin-embedded mouse brain. POLR2G antibody, diluted at 1:500.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: A431 12% SDS PAGE antibody diluted at 1:1000



Immunohistochemistry

Image 3. IHC-P Image Immunohistochemical analysis of paraffin-embedded CL1-5 xenograft, using POLR2G, antibody at 1:500 dilution.