

ARG43913 anti-POLR2H / RPB8 antibody

Package: 50 µg
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Rabbit Polyclonal antibody recognizes POLR2H / RPB8 |
| Tested Reactivity | Hu |
| Tested Application | ELISA, FACS, ICC/IF, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Target Name | POLR2H / RPB8 |
| Species | Human |
| Immunogen | Human POLR2H / RPB8 recombinant protein |
| Conjugation | Un-conjugated |
| Alternate Names | POLR2H; RNA Polymerase II, I And III Subunit H; RPB8; DNA-Directed RNA Polymerases I, II, And III 17.1 KDa Polypeptide; DNA-Directed RNA Polymerases I, II, And III Subunit RPABC3; Polymerase (RNA) II (DNA Directed) Polypeptide H; DNA-Directed RNA Polymerase II Subunit H; RNA Polymerase II Subunit H; RPB8 Homolog; RPB17; RNA Polymerases I, II, And III Subunit ABC3; Polymerase (RNA) II Subunit H; RPABC3; HRPB8 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|-------------|--------------------------------|
| | ELISA | 0.1-0.5 µg/ml |
| | FACS | 1-3 µg/1x10 ⁶ cells |
| | ICC/IF | 5 µg/ml |
| | WB | 0.25-0.5 µg/ml |

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

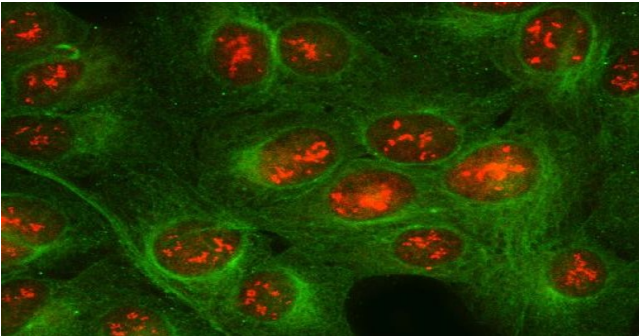
Properties

| | |
|---------------------|--|
| Form | Liquid |
| Buffer | 0.9% NaCl, 0.2% Na ₂ HPO ₄ and 4% Trehalose. |
| Stabilizer | 4% Trehalose |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

Bioinformation

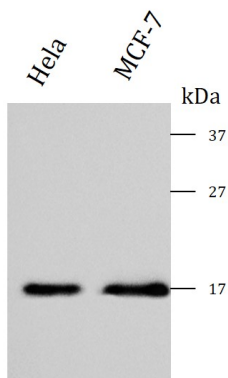
| | |
|-----------------------|---|
| Gene Symbol | POLR2H |
| Gene Full Name | RNA Polymerase II, I And III Subunit H |
| Background | The three eukaryotic RNA polymerases are complex multisubunit enzymes that play a central role in the transcription of nuclear genes. This gene encodes an essential and highly conserved subunit of RNA polymerase II that is shared by the other two eukaryotic DNA-directed RNA polymerases, I and III. Alternative splicing results in multiple transcript variants of this gene. |
| Function | DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Common component of RNA polymerases I, II and III which synthesize ribosomal RNA precursors, mRNA precursors and many functional non-coding RNAs, and small RNAs, such as 5S rRNA and tRNAs, respectively. |
| Calculated Mw | 17 kDa |
| PTM | Acetylation |
| Cellular Localization | DNA-directed RNA polymerase, Nucleus |

Images



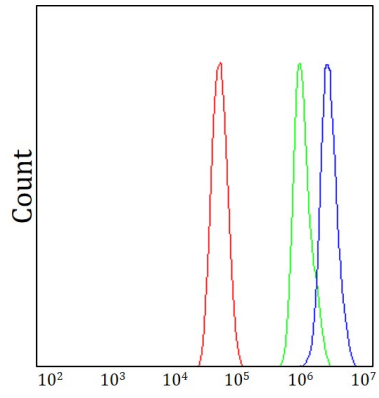
ARG43913 anti-POLR2H / RPB8 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG43913 anti-POLR2H / RPB8 antibody at 5 μ g/ml dilution.



ARG43913 anti-POLR2H / RPB8 antibody WB image

Western blot: HeLa and MCF-7 stained with ARG43913 anti-POLR2H / RPB8 antibody at 0.5 μ g/mL dilution.



ARG43913 anti-POLR2H / RPB8 antibody FACS image

Flow Cytometry: U87 cells stained with ARG43913 anti-POLR2H / RPB8 antibody (blue) at $1 \mu\text{g}/1 \times 10^6$ cells dilution.