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
Isotype	IgG
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

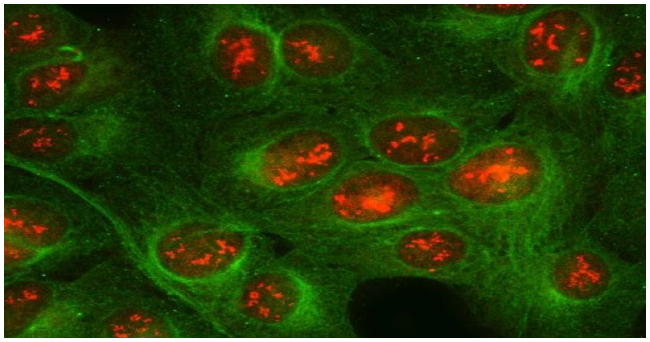
Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na2HPO4 and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or 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.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

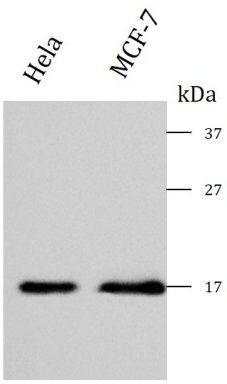
Gene Symbol	POLR2H
Gene Full Name	RNA Polymerase II, I And III Subunit H
Background	The three eukaryotic RNA polymerases are complex multisubunit enzymes that play a central role in the transcription of nuclear genes. This gene encodes an essential and highly conserved subunit of RNA polymerase II that 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



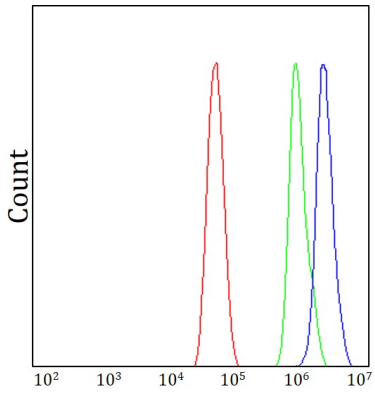
ARG43913 anti-POLR2H / RPB8 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG43913 anti-POLR2H / RPB8 antibody at 5 µg/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 µg/mL dilution.



ARG43913 anti-POLR2H / RPB8 antibody FACS image

Flow Cytometry: U87 cells stained withARG43913 anti-POLR2H / RPB8 antibody (blue) at 1 µg/1x10^6 cells dilution.