

POLR1A antibody

Product Information

Catalog No.:	FNab06615
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Largest and catalytic core component of RNA polymerase I which synthesizes ribosomal RNA precursors. Forms the polymerase active center together with the second largest subunit. A single stranded DNA template strand of the promoter is positioned within the central active site cleft of Pol I. A bridging helix emanates from RPA1 and crosses the cleft near the catalytic site and is thought to promote translocation of Pol I by acting as a ratchet that moves the RNA-DNA hybrid through the active site by switching from straight to bent conformations at each step of nucleotide addition(By similarity).

Immunogen information

Immunogen:	polymerase(RNA) I polypeptide A, 194kDa
Synonyms:	DNA-directed RNA polymerase I subunit RPA1 (RNA polymerase I subunit A1) A190 DNA-directed RNA polymerase I largest subunit DNA-directed RNA polymerase I subunit A RNA polymerase I 194 kDa subunit (RPA194) POLR1A
Observed MW:	190-195 kDa
Uniprot ID :	O95602

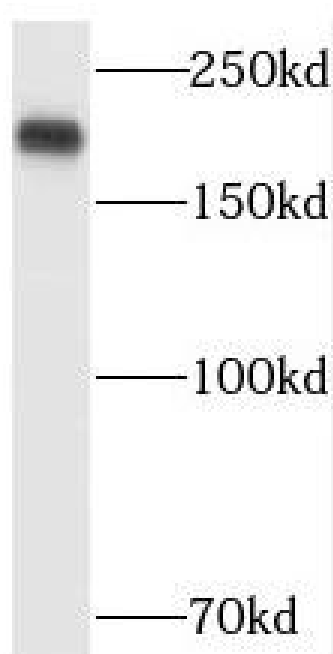
Application

Reactivity:	Human
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Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



HeLa cells were subjected to SDS PAGE followed by western blot with FNab06615(POLR1A antibody) at dilution of 1:1000