

## anti- POLR3K antibody

### Product Information

Catalog No.:	FNab06634
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. Component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. Plays a key role in sensing and limiting infection by intracellular bacteria and DNA viruses. Acts as nuclear and cytosolic DNA sensor involved in innate immune response. Can sense non-self dsDNA that serves as template for transcription into dsRNA. The non-self RNA polymerase III transcripts, such as Epstein-Barr virus-encoded RNAs (EBERs) induce type I interferon and NF-Kappa-B through the RIG-I pathway (By similarity).

### Immunogen information

Immunogen:	polymerase(RNA) III(DNA directed) polypeptide K, 12.3 kDa
Synonyms:	C11, C11 RNP3, hRPC11, HsC11p, My010, POLR3K, RNA polymerase III subunit C10, RNA polymerase III subunit C11, RPC10, RPC11, RPC12.5
Observed MW:	12 kDa
UniprotID :	Q9Y2Y1

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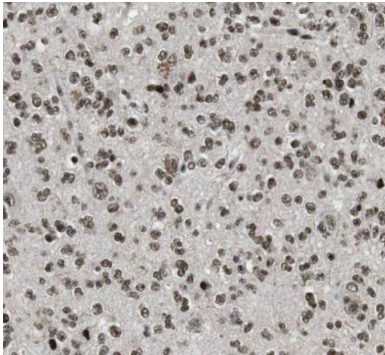
## Application

Reactivity: Human, Mouse, Rat

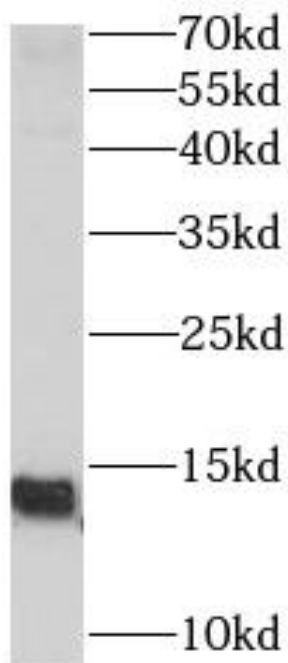
Tested Application: ELISA, IHC, IF, WB

Recommended dilution: WB: 1:500-1:5000; IHC: 1:20-1:200; IF: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human gliomas using FNab06634(POLR3K antibody) at dilution of 1:100



Transfected HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab06634(POLR3K Antibody) at dilution of 1:1000

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